June 29, 2012

Mr. Stephen Wolfe
On-Scene Coordinator
Emergency Response Branch
U.S. Environmental Protection Agency, Region 5
25089 Center Ridge Road
Westlake, Ohio 44145

Subject: **Site Assessment Report**
Richland Moulded Brick - SA
Mansfield, Richland County, Ohio
Technical Direction Document Number: TO-01-12-03-1001
OTIE Contract Number: EP-S5-10-10

Dear Mr. Wolfe:

Oneida Total Integrated Enterprises (OTIE) is submitting one copy of the Site Assessment Report for the Richland Moulded Brick - SA Site located in Mansfield, Richland County, Ohio for your review.

Please contact me or Raghu Nagam at (312) 220-7005 if you have any questions or comments regarding the report or attachments.

Sincerely,

Carly Schulz
Project Manager

Enclosures

cc: Raghu Nagam, START Program Manager

SITE ASSESSMENT REPORT
RICHLAND MOULDED BRICK - SA
MANSFIELD, RICHLAND COUNTY, OHIO

Prepared for:

U.S. Environmental Protection Agency
Emergency Response Branch, Region 5
25089 Center Ridge Road
Westlake, Ohio 44145

TDD No.:	TO-01-12-03-1001
Date Prepared:	June 29, 2012
Contract No.:	EP-S5-10-10
Prepared by:	OTIE
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APPENDICES

1. INTRODUCTION

The U.S. Environmental Protection Agency (EPA) tasked Oneida Total Integrated Enterprises (OTIE) Superfund Technical Assessment and Response Team (START) to provide technical expertise, oversight, field sampling support, and documentation of field activities in support of a Site Assessment (SA) at the Richland Moulded Brick - SA (site) located in Mansfield, Richland County, Ohio. The SA activities were conducted under Contract Number EP-S5-10-10 and Technical Direction Document (TDD) Number TO-01-12-03-1001. The purpose of a SA is to collect information to assist in determining whether an uncontrolled hazardous source is present at the site and subsequently, whether hazardous substances have been released into the environment. Specifically, findings will identify the need for federal intervention under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) of 1980 and the Superfund Amendments and Reauthorization Act (SARA) of 1986.

START was tasked to prepare a site-specific Health and Safety Plan (HASP), Field Sampling and Analysis Plan (SAP), subcontract an analytical laboratory, collect samples, evaluate analytical data, document on-site conditions with written logbook notes and still photographs, and prepare this SA Report summarizing the findings of the investigation.

This SA Report summarizes the site background; discusses the SA activities; provides a summary of the analytical data; and discusses potential site-related threats. The Photographic Log of the site activities is presented (Appendix A). A complete copy of the Validated Analytical Data Package is also included (Appendix B).

2. SITE BACKGROUND

This section provides the background information and the history pertaining to the site.

2.1 Site Description

The Richland Moulded Brick (RMB) site is comprised of two plants located at 800 and 1000 Richland Shale Road, Mansfield, Richland County, Ohio. The geographical coordinates of Plant 1 located at 800 Richland Shale Road are 40.830672 degrees north latitude and -82.494096 degrees west longitude (Figure 1 – Site Location Map). The geographical coordinates of Plant 2 located at 1000 Richland Shale Road are 40.831561 degrees north latitude and - 82.485738 degrees west longitude (Figure 1). The two abandoned brick manufacturing plants on-site consist of approximately 500 acres of land combined. The RMB site is located in a rural area zoned for commercial purposes. An illustration of the site layout is provided (Figures 2 and 3).

2.2 Site History

During its operational period, the RMB Company produced moulded bricks and pavers for commercial and residential use. Operations at Plant 1 were terminated during the 1970s and several buildings were subsequently demolished. Four buildings in various states of disarray remain on the Plant 1 property. In December of 2006, Plant 2 ceased operations leaving behind raw materials and wastes in and around on-site buildings.

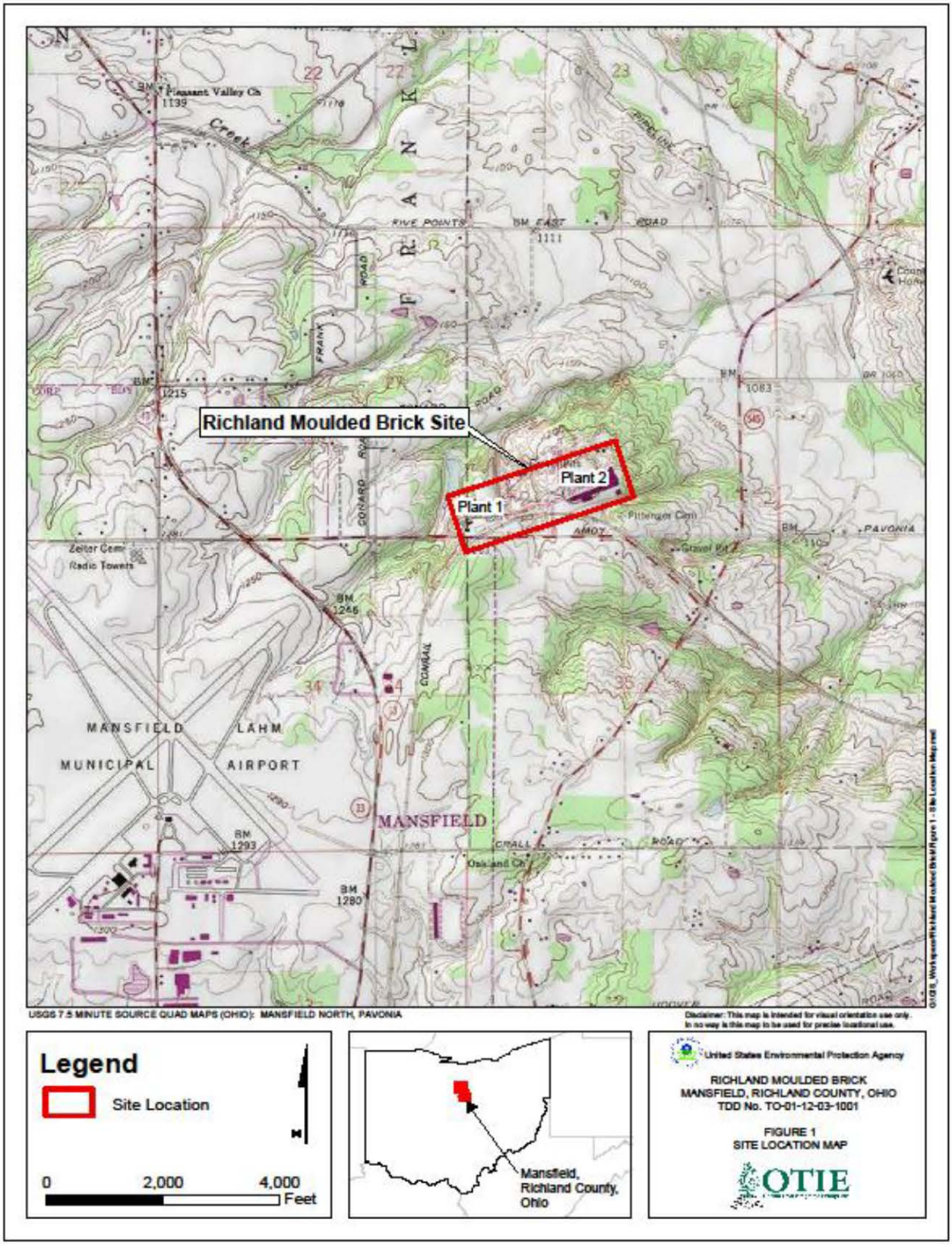
Hundreds of containers of various sizes, including quart-bottles, 5-gallon buckets, 55-gallon drums, and one-cubic-yard (yd^3) boxes remain on the site (Ohio EPA, 2012). Additionally, pallets of unknown material and a number of waste piles are located on-site.

During an investigation of Plant 1 on April 8th, 2008, Ohio Environmental Protection Agency (Ohio EPA) collected waste samples from a storage area in the Strapping Building (Area A). The analytical results indicated that the wastes were characteristically hazardous for D001 (ignitability), D006 (Cadmium), D008 (Lead), and D010 (Selenium), and D018 (Benzene), as defined in Ohio Administrative Code (OAC) rules 3745-51-20 through 3745-51-24 (Ohio EPA, 2007). In October of 2009, some of the identified hazardous waste was shipped out to a permitted treatment, storage, and disposal facility. Other waste codes identified at the site include D002 (corrosivity), D005 (Barium), D007 (Chromium), and K061 (Electric Arc Furnace Dust) (Ohio EPA, 2012).

Ohio EPA conducted facility visits in June and August of 2010 and created an inventory of wastes present at the RMB site. A container list documenting all containers present on-site was compiled by Ohio EPA on October 21st, 2010 (Ohio EPA, 2012). Ohio EPA identified two areas of Plant 1 subject to closure as hazardous waste units – the south end of the Strapping Building (Area A) and Sections 1, 2, and 3 of the South Overhang Building (Area B). A barium carbonate storage area room (Area C) in Plant 2 was also identified as an area subject to closure as a hazardous waste unit. Ohio EPA also noted that some containers of hazardous waste were missing and the disposal method is unknown (2012).

The RMB Company was a state permitted hazardous waste generator. The Ohio EPA issued a "Directors Final Findings and Orders for Richland Moulded Brick Company" on September 12, 2011. The orders mandated that RMB Company submit a Closure Plan for the hazardous waste storage and/or disposal areas within 120 days of the effective order of Findings.

Ohio EPA's Time Critical Removal Action Referral Package (Referral Package) stated that the storage of containers outside of the partially open buildings and within buildings in various states of disrepair on-site had released contamination into the environment. The Referral Package also noted containers of waste on-site that were open and/or leaking.


Richland Moulded Brick Site
Plant 1
Plant 2
MANSFIELD
MUNICIPAL
AIRPORT
LAHM
MANSFIELD
PAVONIA
USGS 7.5 MINUTE SOURCE QUAD MAPS (OHIO): MANSFIELD NORTH, PAVONIA
Disclaimer: This map is intended for visual orientation use only.
In no way is this map to be used for precise locational use.
Legend
Site Location
0
2,000
4,000
Feet
Mansfield,
Richland County,
Ohio
United States Environmental Protection Agency
RICHLAND MOULDED BRICK
MANSFIELD, RICHLAND COUNTY, OHIO
TDD No. TO-01-12-03-1001
FIGURE 1
SITE LOCATION MAP
OTIE


North Warehouse
Area B
Sections 1, 2 and 3
Area A
800 Richland Shale Road
SOURCE: ESRI IMAGERY DATA
Legend
N
0 50 100 200
Feet
Mansfield,
Richland County,
Ohio
United States Environmental Protection Agency
RICHLAND MOULDED BRICK
MANSFIELD, RICHFIELD COUNTY, OHIO
TDD No. TO-01-12-03-1001
FIGURE 2
PLANT 1 LAYOUT MAP
OTIE
G:\GIS_Workspace\Richland Moulded Brick\Figure 2 - Plant 1 Layout Map.mxd


RMB-73
Area C Barium Carbonate
Storage Area Room
KILN
1000 Richland Shale Road
SOURCE: ESRI MAPS IMAGERY DATA
Legend
N
0 50 100 200
Feet
Mansfield,
Richland County,
Ohio
United States Environmental Protection Agency
RICHLAND MOULDED BRICK
MANSFIELD, RICHFIELD COUNTY,
OHIO
TDD No. TO-01-12-03-1001
FIGURE 3
PLANT 2 LAYOUT MAP
OTIE
G:\GIS_Workspace\Richland Moulded Brick\Figure 3 - Plant 2 Layout Map.mxd

3. SITE ASSESSMENT ACTIVITIES

During the week of April 17th, 2012, United States Environmental Protection Agency (USEPA) and START performed SA activities at the RMB site. This section summarizes fieldwork investigation/SA activities at the site, including reconnaissance (subsection 3.1) and sampling (subsection 3.2).
A site-specific SAP and a HASP were developed and approved by USEPA for the SA prior to fieldwork. The SAP describes the data quality objectives (DQO), sampling strategy, sampling locations, methodology, and analytical procedures used throughout the SA.

3.1 Site Reconnaissance

On April 17th, 2012, USEPA and START personnel mobilized to Plant 1 and met with personnel from Ohio EPA and Chem-Tech Consultants, Inc. Also present at the site were a prospective buyer and the current owner's representative.

START calibrated personal air monitoring equipment - RAE Systems MultiRAE® Plus five-gas monitor and personal dust monitoring equipment - PDR Data RAM. MultiRAE® includes a photoionization detector that measures volatile organic compounds (VOCs), carbon monoxide (CO) sensor to measure CO, a hydrogen sulfide (H_2S) sensor to measure H_2S, a lower explosive limit (LEL) sensor which measures explosive atmosphere, and oxygen (O_2) sensor to measure O_2.

After a health and safety meeting and a discussion of proposed sampling activities, USEPA and START conducted a site reconnaissance. In accordance with the HASP, USEPA and START conducted the site reconnaissance by donning Level "C" Personal Protective Equipment (PPE). Air monitoring was conducted in the breathing zone during the site reconnaissance using the MultiRAE®.

The site reconnaissance began at Plant 1, Area B- sections 1, 2, and 3 under the overhang (Figure 2 – Site Layout Map). During the site reconnaissance, graffiti and vandalism was evident as well as broken and missing windows on all buildings. The front building was missing doors and windows allowing easy access to Plant 1. Unsafe conditions identified during the reconnaissance included; collapsing structures, unknown multi-colored materials covering many surfaces in- and outside-of buildings, containers with unknown and/or unlabeled contents stored in haphazard condition, and/or leaking contents. Numerous containers of various capacities were observed throughout these sections. Suspected and/or known hazardous chemical containers were observed in the northwest corner of the room inside the north warehouse building. Solid and liquid materials were present in pallets, drums, pails, and bags of various

sizes. "Flammable solids" labels were observed on one or more containers. After the site reconnaissance activities of Plant 1, START collected some of the waste characterization samples (Section 3.2).

After completing sampling activities in Plant 1, USEPA and START conducted the site reconnaissance of Plant 2. A broken gate, windows without glasses, and entrances without doors were observed along with piles of household debris. Vandalism was evident throughout Plant 2. Supersaks labeled as "RMB-20" were located in the northwest corner of the kiln building (Figure 3 – Site Layout Map). Various 5-gallon containers and drums were located in the south side of the kiln building. A trench containing a red liquid/sludge material was located on the south side of the kiln building. Area C otherwise known as the Barium Carbonate Storage Area Room was located inside a conveyer belt room west of the maintenance room. This area contained green drums labeled "Barium Carbonate," a conveyer belt, and a pit filled with unknown liquid. Outside, north of Plant 2, mounds of mixed red and grey solid waste materials were stockpiled on the ground. Several hoppers were located in room RMB-73, located southwest of the red and grey piles. Numerous piles of debris and other materials were observed throughout Plant 2. After the site reconnaissance activities of Plant 2, START collected the rest of the waste characterization samples (Section 3.2).

3.2 Sampling Activities

After the site reconnaissance activities for each plant, USEPA and START donned Level "C" PPE, conducted air monitoring of several containers for VOCs using the MultiRAE®, and determined the pH of some of the container contents with pH strips. All samples were collected using dedicated sampling equipment.

START labeled sample jars, completed Chains of Custody (COC), preserved all samples on ice, secured the samples inside two coolers, and transported them to the New Age/Landmark, Inc. Laboratory on April 18th, 2012. All samples were requested for a standard two week turnaround time (TAT) for verbal results and three week TAT for a hard copy of the results. Samples RMB-SS-01, RMB-SS-02, RMB-SS-03, RMB-SS-04, RMB-SS-05, RMB-SS-06, RMB-SS-07, RMB-SS-08, RMB-SS-09, RMB-SS-10, and RMB-SS-11 were analyzed for Toxicity Characteristic Leaching Procedure (TCLP) and total metals analysis. Samples RMB-LIQ-01, RMB-LIQ-02, RMB-LIQ-03, and RMB-LIQ-04 were analyzed for Polychlorinated Biphenyls (PCBs), TCLP and total metals, VOCs, semi-volatile organic compounds (SVOCs), and for pH and flashpoint determination.

Specific sampling activities for plants 1 and 2 are described in Sections 3.2.1 and 3.2.2 respectively.

3.2.1 Plant 1 Sampling Activities

A sack labeled "soda feldspar" was found to have a pH of 4 standard units (SU) (Appendix A-Photo 22). Containers located on-site were labeled by Ohio EPA during their 2010 container inventory. The pH of containers 064-2A and 064-2B located in the north warehouse building of plant 1 was found to be 4-5 and 0-1 SUs respectively (Appendix A – Photo 23). Container 064-2C was labeled as "chromium nickel K061." Container 064-2D exhibited a 0.2 parts per million (ppm) VOC and a low O_2 reading on the MultiRAE®. Container 064-9 was labeled as containing "five-grain industrial blasting sand," container "064-5" contained white solid material, and "064-1" contained black powdery contents.

START collected six solid samples from Plant 1. The six solid samples were collected from the north side of the north warehouse building of Plant 1 (Figure 4 – Plant 1 Sample Location Map). Solid sample RMB-SS-01 was collected from a container labeled "zinc body stain" and "064-2". Sample RMB-SS-01 was comprised of a fine grey powder. Solid Sample RMB-SS-02 was collected from a container labeled as "064-12" containing course grey material. Solid sample RMB-SS-03 was collected from a "Ferro Ceramic Frit" labeled container with fine white powdery contents. Sample RMB-SS-04 was collected from a large pile of thick cream-like materials on top of a pallet. Samples RMB-SS-05 and RMB-SS-06 (duplicate) were collected from a "Ferro; Cadmium Hazard" labeled container with fine white powdery contents. Sample locations, descriptions, and requested laboratory analyses are summarized (Table 1).

3.2.2 Plant 2 Sampling Activities

START collected five solid and four liquid samples from Plant 2. Solid sample RMB-SS-07 was collected from a green "Barium Carbonate" drum in the Barium Carbonate Storage Area Room (Area C). The contents of the green drum were grey and powdery. Solid sample RMB-SS-08 was collected from a jar containing red powder also labeled "barium carbonate". Composite solid sample RMB-SS-09 was collected from room RMB-73 on the northeast side of Plant 2. Solid sample RMB-SS-10 was collected from the pile located outside on the ground to the north of the Plant 2 buildings and contained red and grey dust. Sample RMB-SS-11 was collected from one of the white plastic supersaks labeled "RMB-20" in the west end of the tunnel kiln room. Liquid sample RMB-LIQ-01 was collected from a grey 5-gallon plastic pail labeled "RMB-42" in the south side of the tunnel kiln building. Liquid sample RMB-LIQ-02 was collected from the pit on the south side of the tunnel kiln building of Plant 2. The pit appeared to

contain leaked hydraulic oil, water, and dirt. Liquid samples RMB-LIQ-03 and RMB-LIQ-04 were collected from a green/brown liquid pit on the north side of Plant 2 inside the northern-most building.


RMB-SS-01 THROUGH RMB-SS-06
800 Richland Shale Road
Legend
Sample Location
N
0 50 100 200
Feet
Mansfield,
Richland County,
Ohio
United States Environmental Protection Agency
RICHLAND MOULDED BRICK
MANSFIELD, RICHFIELD COUNTY, OHIO
TDD No. TO-01-12-03-1001
FIGURE 4
PLANT 1
SAMPLE LOCATION MAP
OTIE
G:\GIS_Workspace\Richland Moulded Brick\Figure 4 - Plant 1 Sample Location Map.mxd
SOURCE: ESRI IMAGERY DATA

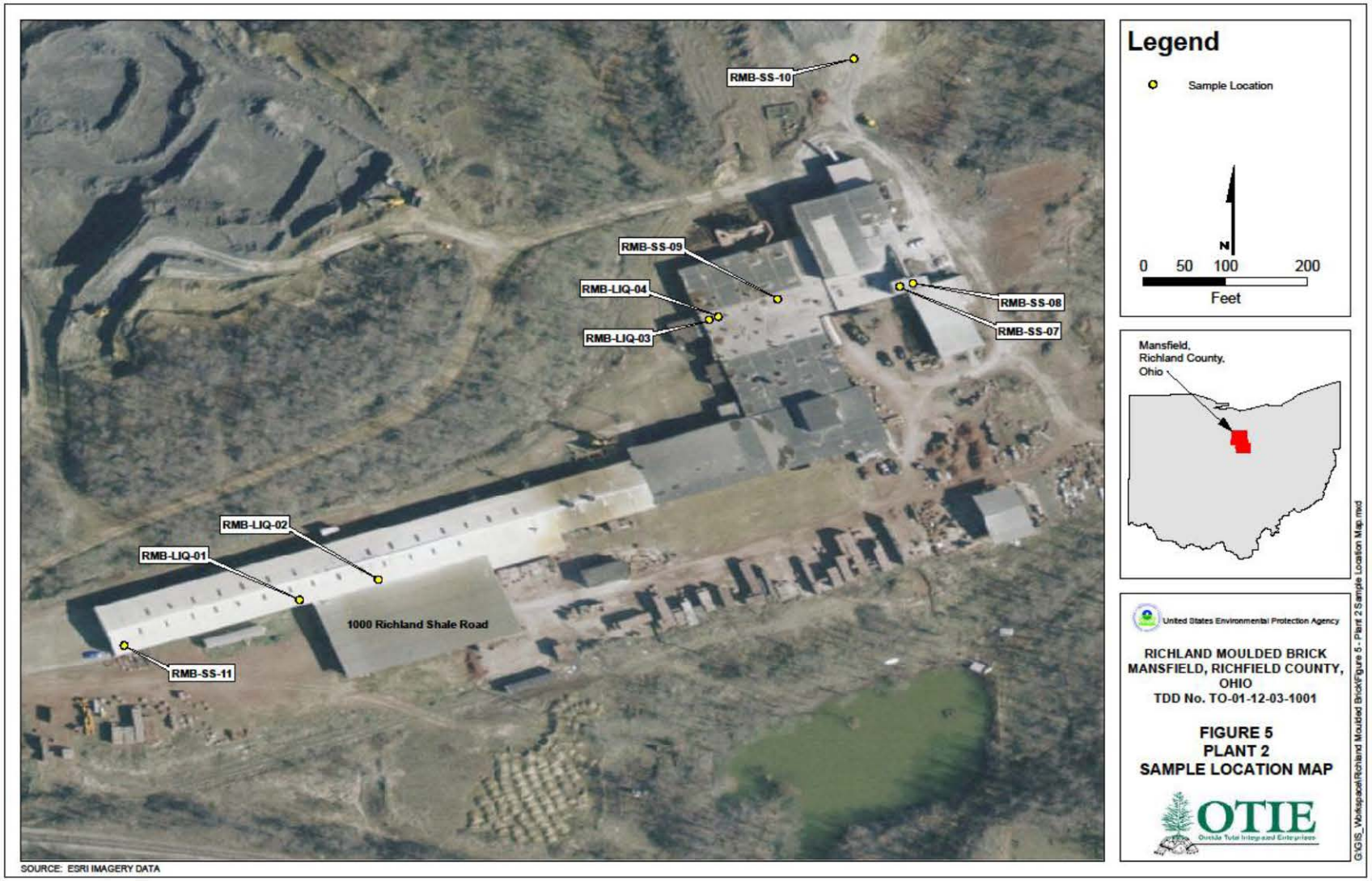

RMB-SS-10
RMB-SS-09
RMB-LIQ-04
RMB-LIQ-03
RMB-SS-08
RMB-SS-07
RMB-LIQ-02
RMB-LIQ-01
RMB-SS-11
1000 Richland Shale Road
SOURCE: ESRI IMAGERY DATA
Legend
Sample Location
N
0 50 100 200
Feet
Mansfield,
Richland County,
Ohio
United States Environmental Protection Agency
RICHLAND MOULDED BRICK
MANSFIELD, RICHFIELD COUNTY, OHIO
TDD No. TO-01-12-03-1001
FIGURE 5
PLANT 2
SAMPLE LOCATION MAP
OTIE
G:\GIS_Workspace\Richland Moulded Brick\Figure 5 - Plant 2 Sample Location Map.mxd

Table 1 Sampling Summary Richland Moulded Brick - SA Mansfield, Richland County, Ohio		
Sample ID	**Sample Description**	**Laboratory Analyses**
RMB-SS-01	Fine grey powder sampled from container reading "zinc body stain". Labeled as 064-2 in 2010 in the North building room of Plant 1.	Total and TCLP Metals
RMB-SS-02	Course grey material sampled from container labeled as 064-12 in 2010 in the North building room of Plant 1.	Total and TCLP Metals
RMB-SS-03	Fine white powder sampled from a container labeled as "Ferro Ceramic Frit CAS # 65997-18-4*" with a lead poisoning warning and marked as 064-15 in 2010 in the North building room of Plant 1.	Total and TCLP Metals
RMB-SS-04	Thick white cream-like powder material from a large pile in the North building room of Plant 1.	Total and TCLP Metals
RMB-SS-05	Fine white powder sampled from a container labeled as "Ferro: Cadmium Hazard" in the North building room of Plant 1.	Total and TCLP Metals
RMB-SS-06	Duplicate of sample RMB-SS-05.	Total and TCLP Metals
RMB-SS-07	Grey Powder Material from Green Drum labeled "Barium Carbonate" in conveyer belt room of Plant 2.	Total and TCLP Metals
RMB-SS-08	Red Powder from a jar labeled "barium carbonate" in Plant 2.	Total and TCLP Metals
RMB-SS-09	Five point composite sample from room 73 of Plant 2. (1 grab from the floor, 1 grab from the pile in the corner, and 3 grabs from hoppers 67, 68, and 70, respectively.)	Total and TCLP Metals
RMB-SS-10	Red and Grey dust from pile north of building on Plant 2.	Total and TCLP Metals
RMB-SS-11	Grey powder from 1 of 16 white plastic supersaks (~ 1 yd^3) labeled RMB-20 in 2010 in the west end of the tunnel kiln room of Plant 2.	Total and TCLP Metals
RMB-SS-11 -MS/MSD	Matrix Spike and Matrix Spike Duplicate for sample RMB-SS-11.	Total and TCLP Metals
RMB-LIQ-01	Brown/red liquid from a 5-gallon grey plastic pail labeled "RMB-42" in 2010 on the south wall of the tunnel kiln building of Plant 2.	pH, fl. pt., PCBs, Total/TCLP Metals, VOCs, & SVOCs
RMB-LIQ-02	Red liquid/sludge taken from pit on south side of building on Plant 2.	pH, fl. pt., PCBs, Total/TCLP Metals, VOCs, & SVOCs
RMB-LIQ-03	Green/brown liquid taken from pit on north side of the building of Plant 2.	pH, fl. pt., PCBs, Total/TCLP Metals, VOCs, & SVOCs
RMB-LIQ-03 -MS/MSD	Matrix Spike and Matrix Spike Duplicate sample for RMB-LIQ-03.	pH, fl. pt., PCBs, Total/TCLP Metals, VOCs, & SVOCs
RMB-LIQ-04	Duplicate of sample RMB-LIQ-03.	pH, fl. pt., PCBs, Total/TCLP Metals, VOCs, & SVOCs

Notes:

Fl. Pt. -	Flash Point
LIQ -	Liquid Sample
PCBs -	Polychlorinated biphenyls
RMB –	Richland Moulded Brick
Sample ID-	Identification names given for samples
SS –	Solid Sample
SVOCs -	Semi-volatile organic compounds
TCLP -	Toxic Characteristic Leaching Procedure
VOCs -	Volatile organic compounds
MS/MSD -	Matrix Spike/Matrix Spike Duplicate
yd^3 -	cubic yards

4. ANALYTICAL RESULTS

START reviewed the sample analytical data and supporting quality assurance/quality control (QA/QC) data provided by the analytical laboratory. Based on the data validation, most of the data are acceptable for use as qualified. All SVOC results for the liquid samples were flagged as rejected (R) by the validating chemist and R values are not usable for this project. The analyzing laboratory did not satisfy the QA/QC criteria for SVOCs. The data was rejected since the majority of the compounds failed to meet the QC limits in the Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD) and the Matrix Spike/Matrix Spike Duplicate (MS/MSD) sample (Appendix B – Validated Analytical Data Package).

Metal analytical results of the solid and liquid samples are summarized (Tables 2 and 3). The results in the tables were compared against values listed in 40 Code of Federal Regulations (CFR) Sections (§) 261.2 - 261.4 for toxicity characteristics. VOC and PCB results for all samples were reported as non-detected (ND) and are not presented in this report.

Solid samples RMB-SS-03, RMB-SS-05, RMB-SS-06, and liquid sample RMB-LIQ-01 had one or more metal concentration above their applicable TCLP criteria and therefore exhibit hazardous characteristics as defined by the 40 CFR § 261.24 regulations.

Samples RMB-SS-05, RMB-SS-06, and RMB-LIQ-01 exceeded the 100 milligrams per liter (mg/L) barium TCLP limit with results of 220, 220, 570 mg/L respectively. Samples RMB-SS-03, RMB-SS-05, and RMB-SS-06 exceeded the 1 mg/L cadmium TCLP limit with results of 15, 7.8, and 7.7 mg/L respectively. Sample RMB-SS-03 exceeded the 5 mg/L lead TCLP limit with a result of 67 mg/L.

Table 2
Solid Matrix Sample Analytical Results
Richland Moulded Brick - SA
Mansfield, Richland County, OH

		RMB-SS-01		RMB-SS-02		RMB-SS-03		RMB-SS-04	
ANALYTE/ PARAMETER	**CFR Regulatory TCLP Limit (mg/L)**	***Total Metals (mg/Kg)***	***TCLP Metals (mg/L)***	***Total Metals (mg/Kg)***	***TCLP Metals (mg/L)***	***Total Metals (mg/Kg)***	***TCLP Metals (mg/L)***	***Total Metals (mg/Kg)***	***TCLP Metals (mg/L)***
Arsenic	5	18	U	U	0.011	U	0.010	U	U
Barium	100	40	1.0	53	0.44	19,000 D	88 D	140	2.9
Cadmium	1	25	0.085	U	U	4,800 D	**15 D**	U	U
Chromium	5	33	U	13	0.027	U	U	2.3	U
Lead	5	2,800 D	4.1	20	U	22,000 D	**67 D**	1.4	U
Mercury	0.2	0.07	0.016	U	0.023	U	0.0038	U	U
Selenium	1	U	U	8.3	U	450	0.12	0.71	U
Silver	5	2.9	0.0059	4.3	0.094	0.66	U	U	U
		RMB-SS-05		**RMB-SS-06**		**RMB-SS-07**		**RMB-SS-08**	
ANALYTE/ PARAMETER	**CFR Regulatory TCLP Limit (mg/L)**	***Total Metals (mg/Kg)***	***TCLP Metals (mg/L)***	***Total Metals (mg/Kg)***	***TCLP Metals (mg/L)***	***Total Metals (mg/Kg)***	***TCLP Metals (mg/L)***	***Total Metals (mg/Kg)***	***TCLP Metals (mg/L)***
Arsenic	5	U	U	U	U	15	U	46	0.095
Barium	100	52,000 D	**220 D**	54,000 D	**220 D**	3,600 D	69 D	840 D	1.2
Cadmium	1	3,600 D	**7.8**	3,300	**7.7**	2.4	0.048	2.5	0.033
Chromium	5	U	U	U	U	40	U	42	0.045
Lead	5	450	0.98	430	0.79	91	0.33	35	0.011
Mercury	0.2	U	U	U	U	0.12	U	0.033	U
Selenium	1	1,800 D	0.084	1,700 D	0.09	U	U	U	U

Table 2 (Continued)
Solid Matrix Sample Analytical Results
Richland Moulded Brick - SA
Mansfield, Richland County, OH

		RMB-SS-09		RMB-SS-10		RMB-SS-11	
ANALYTE/ PARAMETER	**CFR Regulatory TCLP Limit (mg/L)**	***Total Metals (mg/Kg)***	***TCLP Metals (mg/L)***	***Total Metals (mg/Kg)***	***TCLP Metals (mg/L)***	***Total Metals (mg/Kg)***	***TCLP Metals (mg/L)***
Arsenic	5	30	0.014	17	U	U	U
Barium	100	57	0.49	300	1.5	67 J	0.48
Cadmium	1	0.98	0.012	U	U	U	U
Chromium	5	250	U	14	U	6.0	U
Lead	5	11	U	13	U	9.9	0.027
Mercury	0.2	U	U	U	U	0.019	U
Selenium	1	U	U	U	U	0.88	U

Notes:
CFR - Code of Federal Regulations
D - Compound is identified in an analysis at a secondary dilution factor
mg/kg - milligrams per kilogram
mg/L - milligrams per liter
RMB - Richland Moulded Brick
SS - Solid Sample
TCLP - Toxicity Characteristic Leaching Procedure - Hazardous Waste Characterization Criteria according to 40 CFR Sections 261.21-261.
U - Analyte not detected
Bold - Analyte detected over TCLP regulatory criteria

Samples were collected on April 17th, 2012 under START contract EP-S5-10-10. Analyses were conducted by New Age/Landmark, Inc. Mobile Laboratory Services. Under TDD No: TO-01-12-03-1001.

Table 3 Liquid Matrix Sample Analytical Results Richland Moulded Brick - SA Mansfield, OH					
ANALYTE/PARAMETER	**40 CFR Section 261 Regulatory Limit (SU)[1]**	**RMB-LIQ-01**	**RMB-LIQ-02**	**RMB-LIQ-03**	**RMB-LIQ-04**
pH (SU)	<2 or >12.5	**5.5**	**6.4**	**6.3**	**6.6**
Total Metals (mg/L)[2]	**40 CFR TCLP Regulatory Limit (mg/L)**	**RMB-LIQ-01**	**RMB-LIQ-02**	**RMB-LIQ-03**	**RMB-LIQ-04**
Arsenic	5	0.650	0.0850	0.029	0.030
Barium	100	**570.0**	0.190	0.055	0.057
Cadmium	1	U	0.056	0.0008	0.0008
Chromium	5	U	0.150	0.036	0.039
Lead	5	0.210	1.200	0.020 J	0.0059 J
Mercury	0.2	**0.350**	0.0018	0.0070	0.0043
Selenium	1	**1.4**	0.019	0.0025	0.0036

Notes:

Bold - Analyte detected over TCLP regulatory criteria
CFR - Code of Federal Regulations
LIQ - Liquid Sample
mg/L - Milligrams per liter
RMB - Richland Moulded Brick
SU - Standard Units
TCLP - Toxicity Characteristic Leaching Procedure
U - Analyte not detected
[1] - Hazardous Waste Characterization Criteria according to 40 CFR Sections 261.1
[2] - Total liquid metals values were used to compare TCLP results.

5. POTENTIAL SITE RELATED THREATS

Threats posed by the on-site contaminants were evaluated in accordance with the National Oil and Hazardous Substances Pollution Contingency Plan, more commonly called the National Contingency Plan (NCP) criteria for initiating a removal action listed under Title 40 of the CFR § 300.415 (b) (2). Paragraph (b) (2) of 40 CFR § 300.415 lists factors to be considered when determining the appropriateness of a potential removal action at a site. Potential site-related threats to human health and the environment were evaluated based on the criteria listed in 40 CFR, § 261.21 through 261.24. Applicable factors for this site are discussed below.

(i) Actual or potential exposure of nearby human populations, animals, or the food chain to hazardous substances or pollutants or contaminants;

Humans and wildlife aid in the migration of on-site contaminants. The site is unsecured with broken and/or missing windows, doors, walls, roofs, and gates, allowing vagrants, trespassers, and wildlife to become exposed to, carry contaminants off-site, and expose nearby populations. Vandalism, graffiti, misplaced household debris, footprints, animal tracks, live and dead birds, animal droppings, and other forms of evidence of trespassing were observed on-site during SA activities.

Containers with potentially hazardous contents are stored on-site in leaking and/or deteriorating conditions. Fine white powder (sample RMB-SS-03) collected from the container labeled as "Ferro Ceramic Frit" and fine white powder (sample RMB-SS-05) collected from the container labeled as "Ferro: Cadmium Hazard" had one or more analytes in the form of barium, cadmium, and/or lead above the regulatory TCLP limits and exhibit hazardous characteristics. High concentrations of metals including total barium concentrations up to 52,000 mg/L, total lead concentration up to 22,000 mg/L, and total cadmium concentrations up to 3,600 mg/L pose potential exposure threats to nearby human and wildlife populations. The presence of hazardous materials and the unrestricted access to nearby residents and wildlife pose direct exposure risks and threats to human and wildlife health and the environment.

(ii) Hazardous substances, pollutants, or contaminants in drums, barrels, tanks, or other bulk storage containers that may pose a threat of release;

The SA documented the presence of hazardous characteristic material regulated under 40 CFR § 261.24. These containers are stored haphazardly, unsecured, in poor and/or deteriorating conditions. These containers pose a potential threat of release of hazardous constituent materials to the environment.

(iii) High Levels of hazardous substances or pollutants or contaminants in soils largely at or near the surface, that may migrate;

High levels of hazardous contaminants were found on-site at or near the ground's surface and can easily migrate to the off-site since the site is not secured. Large stockpiles of waste materials were found inside building walls and outside of buildings directly on top of surface soils. These contaminants pose a threat of release of hazardous materials to the environment.

(iv) Weather conditions that may cause hazardous substances or pollutants or contaminants to migrate or be released;

Wind and rain can carry the fine powders and other hazardous materials off-site since many buildings are in a state of disrepair and their roofs are not intact. Rain and wind conditions pose a threat of release of hazardous constituents to the environment.

(v) Threat of fire or explosion;

The presences of on-site containers labeled as flammable materials or with flammable warning labels pose a potential threat of fire or explosion. Because of the unsecured status of the site, the historical on-site fire, and the containers labeled as flammable materials, there is a potential for a threat of fire and/or explosion at the site. This threat of fire and/or explosion poses a threat of release of hazardous constituent materials into the environment.

(vii) The availability of other appropriate federal or state response mechanisms to respond to the release;

Ohio EPA requested the assistance of the USEPA Region 5 Emergency Response Branch to evaluate and mitigate a possible threat posed by the site. Ohio EPA has attempted to work with the current site owners under their enforcement capabilities since 2006 and the current owners of the site are in non-compliance with the Ohio EPA's Director Final Findings and Orders dated September 12, 2011.

(viii) Other situations or factors that may pose threats to public health of welfare of the United States or the environment.

This site is unsecured with evidence of trespassing and wildlife on-site. Trespassers and wildlife could track and carry site contaminants off-site posing a threat to public health. These factors pose a threat of release of hazardous constituent materials into the environment.

6. SUMMARY

On April 17th, 2012, USEPA and START conducted SA activities at the RMB site in Mansfield, Richland County, Ohio. During sampling activities, liquid and solid samples were collected and submitted for TCLP and total metals analysis. Liquid samples were also submitted for pH, flashpoint determination, PCBs, and Total and TCLP SVOC & VOC analysis.

Sample analytical results were evaluated against the criteria of hazardous characteristic (40 CFR, § 261.21 through 261.24). Four samples indicated at least one analyte above the TCLP regulatory limits. Among those four samples, there were nine exceedances total. These hazardous materials observed at the unsecure site with historic leakage, pose a threat of release. Therefore, conditions exist at the site to support a removal action to abate threats to human health and the environment.

7. REFERENCES

1. Ohio Environmental Protection Agency (Ohio EPA). *TIME-CRITICAL REMOVAL ACTION REFERRAL PACKAGE*. 2012 "TCR form.pdf"
2. Onboard Informatics© and Advameg, Inc. 2003-2012 "City-data.com"
3. Ohio EPA Generic Direct Contact Criteria (DCC) from the Voluntary Action Program (VAP) http://www.epa.ohio.gov/portals/30/sabr/docs/rules/3745-300-08.pdf , April 2008.
4. Directors Final Findings and Orders for Richland Moulded Brick Company, September 12, 2011
5. Title 40 Code of Federal Regulations (CFR), Section (§) 261.

APPENDIX A

PHOTOGRAPHIC LOG

Photograph No.: 1 **Photographer:** Carly Schulz, START **Orientation:** East
TDD Number: TO-01-12-03-1001 **Contract:** EP-S5-10-10 **Date:** April 17, 2012
Site Name & Location: Richland Moulded Brick Site, Mansfield, Richland County, Ohio
Subject: Sample RMB-SS-01 collected from this bag labeled "zinc body stain" and marked as "064-2" in 2010 by Ohio EPA.

Photograph No.: 2 **Photographer:** Carly Schulz, START **Orientation:** North
TDD Number: TO-01-12-03-1001 **Contract:** EP-S5-10-10 **Date:** April 17, 2012
Site Name & Location: Richland Moulded Brick Site, Mansfield, Richland County, Ohio
Subject: Sample RMB-SS-02 collected from grey materials inside plastic lined drum labeled as "064-12" by Ohio EPA in 2010.

Photograph No.s: 3 and 4 **Photographer:** Carly Schulz, START **Orientation:** North
TDD Number: TO-01-12-03-1001 **Contract:** EP-S5-10-10 **Date:** April 17, 2012
Site Name & Location: Richland Moulded Brick Site, Mansfield, Richland County, Ohio
Subject: Sample RMB-SS-03 collected from sack labeled "Ferro Ceramic Frit" with a lead poisoning warning and marked as "064-15" in 2010 by Ohio EPA.

Photograph No.s: 5 and 6 **Photographer:** Carly Schulz, START **Orientation:** North
TDD Number: TO-01-12-03-1001 **Contract:** EP-S5-10-10 **Date:** April 17, 2012
Site Name & Location: Richland Moulded Brick Site, Mansfield, Richland County, Ohio
Subject: Sample RMB-SS-04 collected from thick white materials on the pallet.

Photograph No.: 7 **Photographer:** Carly Schulz, START **Orientation:** East
TDD Number: TO-01-12-03-1001 **Contract:** EP-S5-10-10 **Date:** April 17, 2012
Site Name & Location: Richland Moulded Brick Site, Mansfield, Richland County, Ohio
Subject: Samples RMB-SS-05 and RMB-SS-06 collected from the box labeled as "Ferro Cadmium Hazard".

Photograph No.s: 8, 9, and 10 **Photographer:** Carly Schulz, START **Orientation:** East
TDD Number: TO-01-12-03-1001 **Contract:** EP-S5-10-10 **Date:** April 17, 2012
Site Name & Location: Richland Moulded Brick Site, Mansfield, Richland County, Ohio
Subject: Sample RMB-SS-07 collected from a Green "Barium Carbonate" drum in conveyer belt room of Plant 2 (Area C – Barium Carbonate Storage Room Area).

Photograph No.s:	11 and 12	**Photographer:**	Carly Schulz, START	**Orientation:**	South; West
TDD Number:	TO-01-12-03-1001	**Contract:**	EP-S5-10-10	**Date:**	April 17, 2012

Site Name & Location: Richland Moulded Brick Site, Mansfield, Richland County, Ohio
Subject: Composite sample RMB-SS-09 collected from floor, corner pile, and 3 of the hoppers.

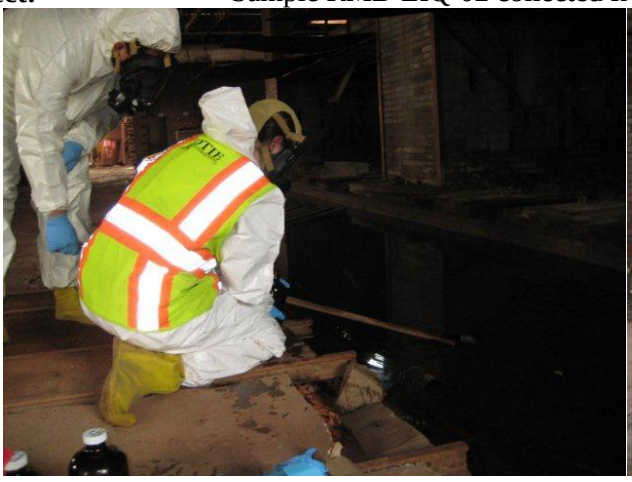
Photograph No.:	13	**Photographer:**	Steve Wolfe, EPA	**Orientation:**	North
TDD Number:	TO-01-12-03-1001	**Contract:**	EP-S5-10-10	**Date:**	April 17, 2012

Site Name & Location: Richland Moulded Brick Site, Mansfield, Richland County, Ohio
Subject: Sample RMB-SS-10 collected from red/grey waste materials piled outside of Plant 2.

Photograph No.: 14 **Photographer:** Steve Wolfe, EPA **Orientation:** Northwest
TDD Number: TO-01-12-03-1001 **Contract:** EP-S5-10-10 **Date:** April 17th, 2012
Site Name & Location: Richland Moulded Brick Site, Mansfield, Richland County, Ohio
Subject: Sample RMB-SS-11 collected from supersaks labeled "RMB-20" by Ohio EPA in 2010.

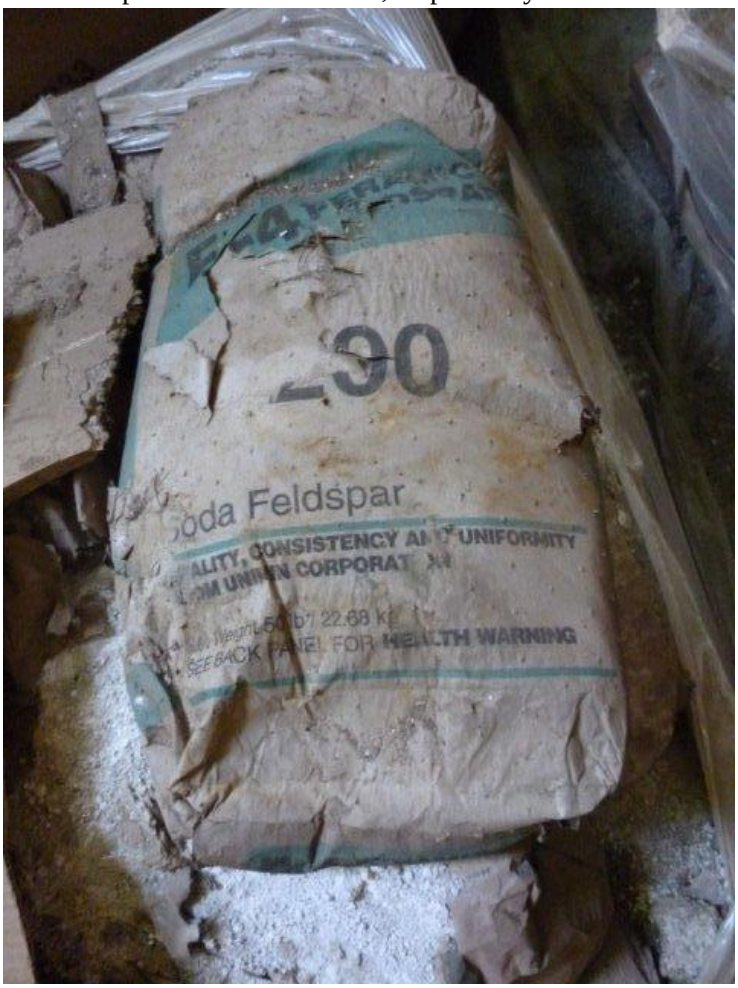
Photograph No.s: 15 and 16 **Photographer:** Steve Wolfe, EPA **Orientation:** South
TDD Number: TO-01-12-03-1001 **Contract:** EP-S5-10-10 **Date:** April 17, 2012
Site Name & Location: Richland Moulded Brick Site, Mansfield, Richland County, Ohio
Subject: Sample RMB-LIQ-01 collected from a 5-gallon plastic container labeled "RMB-42" by Ohio EPA in 2010.

Photograph No.:	17	**Photographer:**	Steve Wolfe, EPA	**Orientation:**	Down
TDD Number:	TO-01-12-03-1001	**Contract:**	EP-S5-10-10	**Date:**	April 17, 2012
Site Name & Location:	Richland Moulded Brick Site, Mansfield, Richland County, Ohio				
Subject:	Sample RMB-LIQ-02 collected from pit on south side of oven building in Plant 2.				



Photograph No.s:	18 and 19	**Photographer:**	Carly Schulz, START	**Orientation:**	Southeast
TDD Number:	TO-01-12-03-1001	**Contract:**	EP-S5-10-10	**Date:**	April 17, 2012
Site Name & Location:	Richland Moulded Brick Site, Mansfield, Richland County, Ohio				
Subject:	Sample RMB-LIQ-03 collected from pit on north side of oven building in Plant 2.				

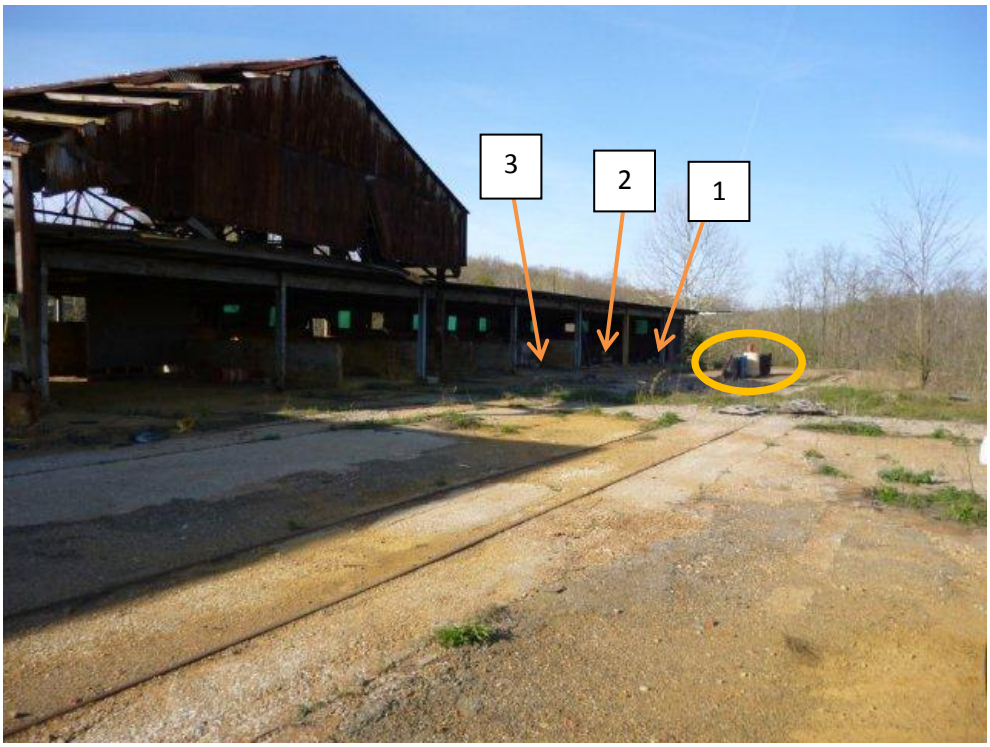
Photograph No.s: 20 and 21 **Photographer:** Steve Wolfe, EPA **Orientation:** Southeast
TDD Number: TO-01-12-03-1001 **Contract:** EP-S5-10-10 **Date:** April 17, 2012
Site Name & Location: Richland Moulded Brick Site, Mansfield, Richland County, Ohio
Subject: Unsecure Properties: Plants 1 and 2, respectively.



Photograph No.: 22 **Photographer:** Carly Schulz, START **Orientation:** Down
TDD Number: TO-01-12-03-1001 **Contract:** EP-S5-10-10 **Date:** April 17, 2012
Site Name & Location: Richland Moulded Brick Site, Mansfield, Richland County, Ohio
Subject: Soda Feldspar in warehouse building north room of Plant 1.

Photograph No.: 23 **Photographer:** Carly Schulz, START **Orientation:** West
TDD Number: TO-01-12-03-1001 **Contract:** EP-S5-10-10 **Date:** April 17, 2012
Site Name & Location: Richland Moulded Brick Site, Mansfield, Richland County, Ohio
Subject: Containers field screened for pH in warehouse building north room of Plant 1.

Photograph No.: 24 **Photographer:** Carly Schulz, START **Orientation:** West
TDD Number: TO-01-12-03-1001 **Contract:** EP-S5-10-10 **Date:** April 17, 2012
Site Name & Location: Richland Moulded Brick Site, Mansfield, Richland County, Ohio
Subject: North room of warehouse building located on Plant 1.



Photograph No.: 25 **Photographer:** Carly Schulz, START **Orientation:** West
TDD Number: TO-01-12-03-1001 **Contract:** EP-S5-10-10 **Date:** April 17, 2012
Site Name & Location: Richland Moulded Brick Site, Mansfield, Richland County, Ohio
Subject: Overhang building showing "Area B" with sections 1, 2, and 3 etc. from right to left along with drums in photo 26.

Photograph No.: 26 **Photographer:** Carly Schulz, START **Orientation:** West
TDD Number: TO-01-12-03-1001 **Contract:** EP-S5-10-10 **Date:** April 17, 2012
Site Name & Location: Richland Moulded Brick Site, Mansfield, Richland County, Ohio
Subject: Drums outside of overhang building at Plant 1.

APPENDIX B

VALIDATED ANALYTICAL DATA PACKAGE

Oneida Total Integrated Enterprises
1220 Kennestone Circle, Suite 106 ● Atlanta, GA 30060 ● (678) 355-5550 ● (770) 528-0167 (Fax)

MEMORANDUM

Date: May 29, 2012

To: Raghu Nagam, Project Manager, OTIE
Superfund Technical Assessment and Response Team (START) for Region 5

Prepared by: Renea Anglin, START chemist for Region 4

QA/QC Concurrence by: Keely Meadows

Subject: Data Validation for
Richland Molded Brick
Mansfield, OH
Project TDD No. TO-01-12-03-1001

Laboratory: New Age/Landmark Inc. South Haven, MI
Sample Delivery Group (SDG): 12053F

1.0 INTRODUCTION

The START chemist for Region 4 validated analytical data for 4 water samples for volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), polychlorinated biphenyls (PCBs), total metals, toxicity characteristic leaching procedure (TCLP) metals, pH, and flashpoint, 1 water sample for total metals and TCLP metals, and 11 soil samples for total metals and TCLP Metals. Samples were collected at the Richland Molded Brick Site on April 17, 2012. The samples were analyzed under SDG 12053F by New Age/Landmark, Inc. of South Haven, MI using U.S. Environmental Protection Agency (U.S. EPA) methods 8260B, 8270C, 8082, 9040C, 1010A, 6010B/7473, and 1311/6010B/7473.

Laboratory data were validated using guidelines set forth in the U.S. EPA Contract Laboratory Program National Functional Guidelines (NFG) for Organic Data Review (EPA-540-R-08-01, June 2008), NFG for Inorganic Data Review (EPA-540-R-10-011, January 2010), and applicable methodologies. The purpose of the chemical data quality evaluation process is to assess the usability of data for the project decision-making process.

Organic data validation consisted of a review of the following QC audits:

- Chain of custody and sample receipt forms review
- Sample preservation and holding time
- Blank results
- Surrogate recoveries
- Matrix spike and Matrix Spike Duplicate (MS/MSD) recovery results
- Laboratory Control Sample (LCS)/Laboratory Control Sample Duplicate (LCSD) recovery results

Inorganic data validation consisted of a review of the following QC audits:

- Chain of custody and sample receipt forms review
- Sample preservation and holding time
- Blank results
- Duplicate Sample Results

- LCS recovery results
- MS/MSD recovery results

Section 2.0 of this memorandum discusses the results of organic data validation. Section 3.0 of this memorandum discusses the results of inorganic data validation. Section 4.0 presents an overall assessment of the data. The attachment to this memorandum contains the laboratory reporting forms as well as START's handwritten data qualifications where warranted.

2.0 ORGANIC DATA VALIDATION RESULTS

The results of START's organic data validation are summarized below by QC audit reviewed. The data qualifiers listed below were applied to sample analytical results where warranted (see attachment):

- J – The analyte was detected. The reported concentration was considered estimated.
- U – The analyte was not detected.
- UJ – The analyte was not detected. The reporting limit was considered estimated.
- R – The analyte was rejected. The data is not usable.

After the START project staff received the data packages, they were inventoried for completeness and then reviewed according to matrix-specific protocols and data quality objectives established for the project.

2.1 WATER SAMPLES BY METHOD 8260B

2.1.1 SAMPLE HANDLING

Chain of custody documentation and sample receipt forms were reviewed to ensure requested analyses were performed and that samples arrived at the laboratory intact. Water samples were collected on April 17, 2012. No discrepancies were noted.

2.1.2 SAMPLE PRESERVATION AND HOLDING TIME

VOC samples were analyzed within holding time criteria. No discrepancies were noted.

2.1.3 BLANK RESULTS

The purpose of laboratory (or field) blank analysis is to determine the existence and magnitude of contamination resulting from laboratory (or field) activities. A laboratory method blank sample (J04812MBKC) was run with this SDG.

No discrepancies were noted.

2.1.4 SURROGATE RECOVERIES

Laboratory performance on individual samples is established by means of fortifying each sample with surrogate compounds (System Monitoring Compounds). Surrogate spike compounds included Dibromofluoromethane, Toluene-d8, 4-Bromofluorobenzene, and 1,2-Dichloroethane-d4.

No discrepancies were noted.

2.1.5 MS/MSD RECOVERY RESULTS

Data for MS/MSDs are generated to determine long-term precision and accuracy of the analytical method on various matrices and to demonstrate acceptable compound recovery by the laboratory at the time of sample analysis.

A MS/MSD was requested for sample RMB-LIQ-03. No discrepancies were noted.

2.1.6 LCS RECOVERY RESULTS

Data for the LCS is generated to provide information on the accuracy of the analytical method and on the laboratory performance. The LCS is fortified with the full list of VOCs and analyzed with each batch of samples. The LCS/LCSD accuracy performance is measured by %R.

No discrepancies were noted.

2.1.7 FIELD DUPLICATES

Data for field duplicates were collected and analyzed for chemical constituents to measure the cumulative uncertainty (i.e., precision) of the sample collection, splitting, handling, storage, preparation and analysis operations, as well as natural sample heterogeneity that is not eliminated through simple mixing in the field. Field duplicates are two samples prepared by mixing a volume of sample and splitting it into two separate sample containers that are labeled as individual field samples.

Sample RMB-LIQ-03 had a duplicate collected (RMB-LIQ-04) for VOCs. No analytes were detected in either sample.

2.1.8 GENERAL LABORATORY OBSERVATIONS

The laboratory noted that sample RMB-LIQ-02 had free product present. The lab performed a dilution on the sample due to the presence of free product. Therefore, elevated reporting limits are provided.

2.2 WATER SAMPLES BY METHOD 8270C

2.2.1 SAMPLE HANDLING

Chain of custody documentation and sample receipt forms were reviewed to ensure requested analyses were performed and that samples arrived at the laboratory intact. Water samples were collected on April 17, 2012. No discrepancies were noted.

2.2.2 SAMPLE PRESERVATION AND HOLDING TIME

SVOC samples were analyzed within holding time criteria. No discrepancies were noted.

2.2.3 BLANK RESULTS

The purpose of laboratory (or field) blank analysis is to determine the existence and magnitude of contamination resulting from laboratory (or field) activities. One laboratory method blank sample (T041912AMBK) was run with this SDG.

Di-methyl phthalate was detected at 1.1 µg/L, Butylbenzyl phthalate was detected at 1.1 µg/L, Bis (2-ethylhexyl) phthalate was detected at 1.8 µg/L, and Di-n-octylphthalate was detected at 1.8 µg/L. None of the samples had phthalates detected; therefore, no further action was required.

2.2.4 SURROGATE RECOVERIES

Laboratory performance on individual samples is established by means of fortifying each sample with surrogate compounds. Surrogate spike compounds included 2-Fluorophenol, Phenol-d5, Nitrobenzene-d5, 2-Fluorobiphenyl, 2,4,6-Tribromophenol, and Terphenyl-d14.

Sample RMB-LIQ-02 was diluted by a factor of 50 due to the presence on non-target analytes. Free product was also observed in the sample and the dilution was performed to protect equipment. Therefore, all surrogates were diluted out. Sample RMB-LIQ-03 had Phenol-d5 biased low at 9%R and 2-Fluorobiphenyl biased low at 38%R. The method blank had 2-Flourophenol biased low at 20%R and 2-Flourobiphenyl biased low at 40%R. The LCS had 2-Flourobiphenyl biased low at 35%R, while the LCSD had 2-Flourobiphenyl biased low at 39%R. Due to further issues with the QC, all data for the semivolatiles analysis will be flagged as R.

2.2.5 MS/MSD RECOVERY RESULTS

Data for MS/MSD are generated to determine long-term precision and accuracy of the analytical method on various matrices and to demonstrate acceptable compound recovery by the laboratory at the time of sample analysis.

A MS/MSD was requested for sample RMB-LIQ-03. The MS had 6 analytes within QC limits of 50-130; the remaining 64 analytes were all biased low. The MSD had 7 analytes biased low and 3 analytes biased high. The MSD had butyl-benzyl phthalate biased high at 230%R, bis(2-ethylhexyl) phthalate biased high at 230%R, and di-n-octylphthalate biased high at 210%R. Phthalates are common laboratory contaminants and small amounts were also seen in the blank. The MSD had the following analytes biased low: N-nitroso-dimethylamine at 12%R, Pyridine biased low at 0%R, Aniline biased low at 7% R, Phenol at 24%R, hexachloroethane at 25%R, 4-chloroanaline at 19%R, and hexachlorocyclopentadiene at 39%R. The MS was biased low for the following analytes: N-nitroso-dimethylamine at 6%R, Pyridine biased low at 0%R, Aniline biased low at 0% R, Phenol at 9%R, Bis(2-chloroethyl) ether at 19%R, 2-chlorophenol at 23%, 1,3-dichlorbenzene at 21%R, 1,4-dichlorbenzene at 41%R, 1,2-dichlorbenzene at 21%R, Bis(2-chloroisopropyl) ether at 23%R, benzyl alcohol at 21%R, 2-methylphenolat 23%R, hexachloroethane at 27%R, N-nitroso-di-n-propylamine at 20%R, 4-methylphenol at 20%R, nitrobenzene at 21%R, isophrone at 23%R, 2-nitrophenol at 27%R, 2,4-dimethylphenol at 27%R, bis(2-chloroethoxy) methane at 22%R, 2,4-dichlorophenol at 24%R, 1,2,4-trichlorobenzene at 22%R, naphthalene at25%R, benzoic acid at 27%R, 2,6-dichlorophenol at 25%R, 4-chloroaniline at 7%R, hexachlorobutadiene at 21%R, 2-methylnaphthalene at 27%R, 4-chloro-3-methylphenol at 29%R, hexachlorocyclopentadiene at 14%R, 2,4,6-trichlorophenol at 32%R , 2,4,5-trichlorophenol at 28%R, 2-chloronaphthalene at 26%R, 2-nitroaniline at 24%R, dimethylphthalate at 31%R, Acenaphthylene at 26%R, 2,6-dinitrotoluene at 24%R, Acenaphthene at 25%R, 3-nitroaniline at 19%R, dibenzofuran at 27%R, 2,4-dinitrotoluene at 25%R, tetrachlorophenol at 39%R, 4-nitrophenol at 33%R, diethylphthalate at 34%R, fluorene at 30%R, 4-chlorophenyl phenyl ether at 27%R, 4,6-dinitro-2methylphenol at 16%R, n-nitrosodiphenylamine at 38%R, 4-bromophenyl phenyl ether at 31%R, hexachlorbenzene at 31%R, pentachlorophenol at 49%R, Phenanthrene at 35%R, anthracene at 35%R, di-n-butyl phthalate at 48%R, fluoranthene at 41%R, pyrene at 40%R, Benzo(a)anthracene at 42%R, chrysene at 38%R, benzo(b)fluoranthene at 43%R, benzo(k)fluoranthene at 41%R, benzo(a)pyrene at 40%R,

indeno(1,2,3-cd)pyrene at 45%R, dibenzo(a,h)anthracene at 47%R, and benzo(g,h,i) perylene at 43%R. Therefore all analytes for sample RMB-LIQ-03 and RMB-LIQ-04 (duplicate of RMB-LIQ-03) will be qualified as R.

2.2.6 LCS RECOVERY RESULTS

Data for the LCS is generated to provide information on the accuracy of the analytical method and on the laboratory performance. The LCS were fortified with the full list of SVOCs and analyzed with each batch of samples. The LCS accuracy performance is measured by %R.

The LCS had 20 analytes within QC limits and 50 analytes biased low. The LCS had the following analytes biased low: N-nitroso-dimethylamine at 9%R, Pyridine at 3%R, Aniline at 15%R, Phenol at 12%R, Bis (2-chloroethyl) ether at 38%R, 2-chlorophenol at 34%R, 1,3-Dichlorobenzene at 38%R, 1,4-Dichlorobenzene at 36%R, 1,2-Dichlorobenzene at 41%R, Bis (2-chloroisopropyl) ether at 40%R, Benzyl Alcohol at 32%R, 2-methylphenol at 35%R, Hexachloroethane at 17%R, 4-nitroso-di-N-propylamine at 39%R, 4-methylphenol at 24%R, Nitrobenzene at 38%R, Isophrone at 39%R, 2-Nitrophenol at 43%R, 2,4-Dimethylphenol at 30%R, Bis(2-Chloroethoxy)methane at 39%R, 2,4-dichlorophenol at 34%R, 1,2,4-Trichlorobenzene at 37%R, naphthalene at 43%R, benzoic acid at 28%R, 2,6-dichlorophenol at 36%R, 4-chloroanaline at 33%R, hexachlorobutadiene at 33%R, 2-methylnaphthalene at 45%R, 4-chloro-3-methylphenol at 37%R, Hexachlorocyclopentadiene at 29%R, 2,4,6-trichlorophenol at 43%R, 2,4,5-trichlorophenol at 35%R, 2-chloronaphthalene at 43%R, 2-nitroaniline at 40%R, Acenaphthylene at 45%R, 2,6-dinitrotoluene at 38%R, Acenaphthene at 44%R, 3-nitroaniline at 48%R, dibenzofuran at 48%R, 2,4-dinitrotoluene at 37%R, tetrachlorophenol at 46%R, diethylphthalate at 48%R, fluorene at 46%R, 4-chlorophenyl phenyl ether at 42%R, 4,6-dinitro-2methylphenol at 24%R, n-nitrosodiphenylamine at 39%R, 4-bromophenyl phenyl ether at 39%R, hexachlorbenzene at 40%R, Phenanthrene at 49%R, and anthracene at 49%R.

The LCSD had 24 analytes within QC limits and 46 analytes biased low. The LCSD had the following analytes biased low: N-nitroso-dimethylamine at 12%R, Pyridine at 9%R, Aniline at 19%R, Phenol at 14%R, Bis (2-chloroethyl) ether at 36%R, 2-chlorophenol at 34%R, 1,3-Dichlorobenzene at 36%R, 1,4-Dichlorobenzene at 33%R, 1,2-Dichlorobenzene at 37%R, Bis (2-chloroisopropyl) ether at 38%R, Benzyl Alcohol at 36%R, 2-methylphenol at 38%R, Hexachloroethane at 15%R, 4-nitroso-di-N-propylamine at 39%R, 4-methylphenol at 27%R, Nitrobenzene at 39%R, Isophrone at 40%R, 2-Nitrophenol at 44%R, 2,4-Dimethylphenol at 33%R, Bis(2-Chloroethoxy)methane at 40%R, 2,4-dichlorophenol at 35%R, 1,2,4-Trichlorobenzene at 35%R, naphthalene at 43%R, benzoic acid at 27%R, 2,6-dichlorophenol at 37%R, 4-chloroanaline at 33%R, hexachlorobutadiene at 31%R, 2-methylnaphthalene at 46%R, 4-chloro-3-methylphenol at 38%R, Hexachlorocyclopentadiene at 32%R, 2,4,6-trichlorophenol at 45%R, 2,4,5-trichlorophenol at 32%R, 2-chloronaphthalene at 44%R, 2-nitroaniline at 41%R, Acenaphthylene at 45%R, 2,6-dinitrotoluene at 39%R, Acenaphthene at 44%R, dibenzofuran at 47%R, 2,4-dinitrotoluene at 44%R, tetrachlorophenol at 49%R, fluorene at 48%R, 4-chlorophenyl phenyl ether at 42%R, 4,6-dinitro-2methylphenol at 26%R, n-nitrosodiphenylamine at 46%R, 4-bromophenyl phenyl ether at 44%R, and hexachlorbenzene at 46%R.

Due to the high number of analytes outside of QC limits, all analytes in samples RMB-LIQ-01, RMB-LIQ-02, RMB-LIQ-03, and RMB-LIQ-04 were flagged as R.

2.2.7 FIELD DUPLICATES

Data for field duplicates were collected and analyzed for chemical constituents to measure the cumulative uncertainty (i.e., precision) of the sample collection, splitting, handling, storage, preparation and analysis

operations, as well as natural sample heterogeneity that is not eliminated through simple mixing in the field. Field duplicates are two samples prepared by mixing a volume of sample and splitting it into two separate sample containers that are labeled as individual field samples.

Sample RMB-LIQ-03 had a duplicate collected (RMB-LIQ-04) for SVOC. Due to the QC failures, all analytes are flagged as R.

2.2.8 GENERAL LABORATORY OBSERVATIONS

The laboratory noted that sample RMB-LIQ-02 had free product in the sample, the sample was diluted by a factor of 50. Therefore, elevated reporting limits were provided. The Laboratory provided an 8270 fingerprint analysis with overlaid hydrocarbon markers. The laboratory stated that the pattern was indicative of and industrial oil, hydraulic, or cutting oil or light motor oil. The pattern fell within the C_{22} to C_{38} range. Due to the large number of analytes outside of QC limits, the laboratory was requested to provide the DFTPP tune from the beginning of the analysis window. Although the tune passed all requirements, additional conversations with the laboratory have indicated that the extraction process is where the failure occurred. The laboratory does not have any sample left to re-extract the samples, so the samples will need to be re-taken and re-submitted for analysis.

2.3 WATER SAMPLES BY METHOD 8082

2.3.1 SAMPLE HANDLING

Chain of custody documentation and sample receipt forms were reviewed to ensure requested analyses were performed and that samples arrived at the laboratory intact. Water samples were collected on April 17, 2012. No discrepancies were noted.

2.3.2 SAMPLE PRESERVATION AND HOLDING TIME

Samples were analyzed within holding time criteria. No discrepancies were noted.

2.3.3 BLANK RESULTS

The purpose of laboratory (or field) blank analysis is to determine the existence and magnitude of contamination resulting from laboratory (or field) activities. One laboratory method blank sample (E041912AMBK) was run with this SDG.

No laboratory method blank detects were noted.

2.3.4 SURROGATE RECOVERIES

Laboratory performance on individual samples is established by means of fortifying each sample with surrogate compounds. The surrogate spike compound included Decachlorobiphenyl (DCBP) and Tetra-chloro-meta-xylene (TCMX).

Sample RMB-LIQ-02 was diluted by a factor of 50 due to the presence of free product. Therefore, the surrogates were diluted out and could not be evaluated. Sample RMB-LIQ-03 had TCMX biased high at 150%R, while sample RMB-LIQ-04 had TCMX biased high at 170%R. The method blank had TCMX biased high at 140%R, the LCS had TCMX biased high at 180%R, and the MS and MSD for sample RMB-LIQ-03 had TCMX biased high at 150%R and 170%R, respectively. Since TCMX was biased high in all samples and QC samples in this extraction group, this is indicative of a problem with the standard solution

used. Since the recovery for TCMX is less than 200%R and none of the samples have PCBs detected no further action is required.

2.3.5 MS/MSD RECOVERY RESULTS

Data for MS/MSD are generated to determine long-term precision and accuracy of the analytical method on various matrices and to demonstrate acceptable compound recovery by the laboratory at the time of sample analysis.

A MS/MSD was requested on sample RMB-LIQ-03. No discrepancies were noted.

2.3.6 LCS and LCSD RECOVERY RESULTS

Data for the LCS is generated to provide information on the accuracy of the analytical method and on the laboratory performance. The LCS and LCSD are fortified and analyzed with each batch of samples. The LCS accuracy performance is measured by %R.

No discrepancies were noted.

2.3.7 FIELD DUPLICATES

Data for field duplicates were collected and analyzed for chemical constituents to measure the cumulative uncertainty (i.e., precision) of the sample collection, splitting, handling, storage, preparation and analysis operations, as well as natural sample heterogeneity that is not eliminated through simple mixing in the field. Field duplicates are two samples prepared by mixing a volume of sample and splitting it into two separate sample containers that are labeled as individual field samples.

Sample RMB-LIQ-03 had a duplicate collected (RMB-LIQ-04) for PCB analysis. No analytes were detected in either sample.

2.3.8 GENERAL LABORATORY OBSERVATIONS

The laboratory noted that sample RMB-LIQ-02 had free product in the sample, the sample was diluted by a factor of 50, and therefore, elevated reporting limits were provided.

3.0 INORGANIC DATA VALIDATION RESULTS

The results of START's inorganic data validation are summarized below by QC audit reviewed. The data qualifiers listed below were applied to sample analytical results where warranted:

- J – The analyte was detected. The reported concentration was considered estimated.
- U – The analyte was not detected.
- UJ – The analyte was not detected. The reporting limit was considered estimated.

After the START project staff received the data packages, they were inventoried for completeness and then reviewed according to matrix-specific protocols and data quality objectives established for the project.

3.1 WATER SAMPLES BY METHOD 6010 B/7473

3.1.1 SAMPLE HANDLING

Chain of custody documentation and sample receipt forms were reviewed to ensure requested analyses were performed and that samples arrived at the laboratory intact. Water samples were collected on April 17, 2012.

3.1.2 SAMPLE PRESERVATION AND HOLDING TIME

Samples were analyzed within the holding time criteria. No discrepancies were noted.

3.1.3 BLANK RESULTS

The assessment of blank analysis results is to determine the existence and magnitude of contamination resulting from laboratory and/or field activities. A laboratory method blank sample for method 6010 and laboratory method blank sample for method 7473 were run with this SDG.

No laboratory method blank detects were noted.

3.1.4 LCS RECOVERY RESULTS

The LCS serves as a monitor of the overall performance of each step during the analysis, including the sample preparation. The LCS is fortified with each analyte of interest and analyzed with each batch of samples. The LCS accuracy performance is measured by %R.

The LCS/LCSD recoveries were within acceptable recovery limits.

3.1.5 MS/MSD RECOVERY RESULTS

The spiked sample analysis is designed to provide information about the effect of each sample matrix on the sample preparation procedures and the measurement methodology. The MS/MSD accuracy performance is measured by %R.

An MS/MSD was requested on sample RMB-LIQ-03. No discrepancies were noted.

3.1.6 FIELD DUPLICATES

Data for field duplicates were collected and analyzed for chemical constituents to measure the cumulative uncertainty (i.e., precision) of the sample collection, splitting, handling, storage, preparation and analysis operations, as well as natural sample heterogeneity that is not eliminated through simple mixing in the field. Field duplicates are two samples prepared by mixing a volume of sample and splitting it into two separate sample containers that are labeled as individual field samples.

Sample RMB-LIQ-03 had a duplicate collected (RMB-LIQ-04) for metals and mercury analysis. Lead had a 109% RPD between the samples. Therefore, lead was flagged as J in samples RMB-LIQ-03 and RMB-LIQ-04.

3.1.7 GENERAL LABORATORY OBSERVATIONS

The laboratory noted that sample RMB-LIQ-01 was diluted for high levels of target analytes. Therefore, elevated reporting limits are provided.

3.2 SOIL SAMPLES BY METHOD 6010 B/7473

3.2.1 SAMPLE HANDLING

Chain of custody documentation and sample receipt forms were reviewed to ensure requested analyses were performed and that samples arrived at the laboratory intact. Soil samples were collected on April 17, 2012.

3.2.2 SAMPLE PRESERVATION AND HOLDING TIME

Samples were analyzed within the holding time criteria. No discrepancies were noted.

3.2.3 BLANK RESULTS

The assessment of blank analysis results is to determine the existence and magnitude of contamination resulting from laboratory and/or field activities. A laboratory method blank sample for method 6010 and laboratory method blank sample for method 7471 were run with this SDG.

No laboratory method blank detects were noted.

3.2.4 LCS RECOVERY RESULTS

The LCS serves as a monitor of the overall performance of each step during the analysis, including the sample preparation. The LCS is fortified with each analyte of interest and analyzed with each batch of samples. The LCS accuracy performance is measured by %R.

The LCS/LCSD %R were within acceptable recovery limits.

3.2.5 MS/MSD RECOVERY RESULTS

The spiked sample analysis is designed to provide information about the effect of each sample matrix on the sample preparation procedures and the measurement methodology. The MS/MSD accuracy performance is measured by %R.

An MS/MSD was requested on sample RMB-SS-11. The MS had a recovery biased high for barium at 133%R, and the MSD had barium biased high at 133%R. Therefore, barium in sample RMB-SS-11 was qualified as estimated and flagged as"J".

3.2.6 FIELD DUPLICATES

Data for field duplicates were collected and analyzed for chemical constituents to measure the cumulative uncertainty (i.e., precision) of the sample collection, splitting, handling, storage, preparation and analysis operations, as well as natural sample heterogeneity that is not eliminated through simple mixing in the field. Field duplicates are two samples prepared by mixing a volume of sample and splitting it into two separate sample containers that are labeled as individual field samples.

Sample RMB-SS-05 had a duplicate collected (RMB-SS-06) for metals and mercury analysis. No discrepancies were noted.

3.2.7 GENERAL LABORATORY OBSERVATIONS

The laboratory noted that sample RMB-SS-03 was diluted for cadmium, barium, and lead. Therefore, elevated reporting limits are provided for these analytes. Samples RMB-SS-05 and RMB-SS-06 were

diluted for selenium, barium, and lead. Therefore, elevated reporting limits are provided for these analytes. Samples RMB-SS-07 and RMB-SS-08 were diluted for barium. Therefore, elevated reporting limits are provided for barium.

3.3 TCLP SAMPLES BY METHOD 1311/6010 B/7470

3.3.1 SAMPLE HANDLING

Chain of custody documentation and sample receipt forms were reviewed to ensure requested analyses were performed and that samples arrived at the laboratory intact. Samples were collected on April 17, 2012. No discrepancies were noted.

3.3.2 SAMPLE PRESERVATION AND HOLDING TIME

Samples were analyzed within the holding time criteria. No discrepancies were noted.

3.3.3 BLANK RESULTS

The assessment of blank analysis results is to determine the existence and magnitude of contamination resulting from laboratory and/or field activities. A laboratory method blank sample for method 6010 TCLP and a laboratory method blank sample for method 7470 TCLP were run with this SDG.

No laboratory method blank detects were noted.

3.3.4 LCS RECOVERY RESULTS

The LCS serves as a monitor of the overall performance of each step during the analysis, including the sample preparation. The LCS is fortified with each analyte of interest and analyzed with each batch of samples. The LCS accuracy performance is measured by %R.

The LCS/LCSD were all within acceptable recovery limits.

3.3.5 MS/MSD RECOVERY RESULTS

The spiked sample analysis is designed to provide information about the effect of each sample matrix on the sample preparation procedures and the measurement methodology. The MS/MSD accuracy performance is measured by %R.

A MS/MSD was requested for sample RMB-SS-11. No discrepancies were noted.

3.3.6 FIELD DUPLICATES

Data for field duplicates were collected and analyzed for chemical constituents to measure the cumulative uncertainty (i.e., precision) of the sample collection, splitting, handling, storage, preparation and analysis operations, as well as natural sample heterogeneity that is not eliminated through simple mixing in the field. Field duplicates are two samples prepared by mixing a volume of sample and splitting it into two separate sample containers that are labeled as individual field samples.

Sample RMB-SS-05 had a duplicate collected (RMB-SS-06) for TCLP metals and mercury analysis. No discrepancies were noted.

3.3.7 GENERAL LABORATORY OBSERVATIONS

The laboratory noted that sample RMB-SS-03 was diluted for cadmium, barium, and lead. Therefore, elevated reporting limits are provided for these analytes. Samples RMB-SS-05, RMB-SS-06, and RMB-SS-07 were diluted for barium. Therefore, elevated reporting limits are provided for barium.

4.0 OVERALL ASSESSMENT OF DATA

The analytical results meet the data quality objectives defined by the applicable method and validation guidance documentation for the metals, TCLP metals, PCBs and Volatiles analysis. The analytical data is usable and acceptable as reported by the laboratory for the metals, TCLP metals, PCBs and Volatiles analysis. The Semi-volatile analysis results are rejected and should be re-sampled and re-analyzed.

ATTACHMENT

SUMMARY OF VALIDATED ANALYTICAL RESULTS

AND

CHAIN-OF-CUSTODY

Client Name & Project Name:	Project No.:
Oneida Total Integrated Enterprises	20101-1022
Project Contact: Raghu Nagam	**Phone Number:** 312-220-7000
Project Location: Mansfield, OH	

Types of Analysis: PHC Flashpoint; SVOCs; TCLP Metals; Total Metals; VOCs; PCBs

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Mobile Laboratory Services

Tel. No.: 888-685-1628
www.newagelandmark.com

№ 5095 106 of 107

Chain-of Custody Record

Item No.	Sample ID	Date	Time	Sample Type: Comp	Sample Type: Grab	No. of Containers	PHC Flashpoint	SVOCs	TCLP Metals	Total Metals	VOCs	PCBs	Preserved (Y/N)	4°C (Y/N)	Condition (A or NA)	Comments/Remarks Sample Description	Lab ID
(1)	RMB-LIQ-03	4-17-12	1230		X	7	X	X	X	X	X	X	N	Y	A	Total metals only unless TCLP necessary for dissolved solids	NAL 42053F-001
2	RMB-LIQ-03-MS/MSD	4-17-12	1230		X	3	X	X	X	X	X	X	N	Y	A	MS/MSD for sample RMB-LIQ-03	NAL - 002
3	RMB-LIQ-01-		1195		X	2			X	X			N	Y	A	Total metals only unless TCLP necessary for dissolved solids	NAL - 003
4	RMB-SS-01		0839		X	2			X	X			N	Y	NA		NAL - 004
5	RMB-SS-02		0842		X	2			X	X			N	Y	NA		NAL - 005
6	RMB-SS-03		0849		X	2			X	X			N	Y	NA		NAL - 006
7	RMB-SS-04		0854		X	2			X	X			N	Y	NA		NAL - 007
8	RMB-SS-05		0859		X	2			X	X			N	Y	NA		NAL - 008
9	RMB-SS-06		0905		X	2			X	X			N	Y	NA		NAL - 009
10	RMB-SS-07		1045		X	2			X	X			N	Y	NA		NAL - 010

Transfer Number	Item Numbers	Transfers Relinquished By	Transfers Accepted By	Date	Time
1	1-10			4/18/12	10:50
2					
3					
4					

Remarks (for lab use only): Delivered on ice.

Sampler's Signature:

Print Name: Caitlin Ruza

White: New Age/Landmark, Inc. File Copy • Yellow: Laboratory Copy • Pink: Client Copy

4/16-12

Client Name & Project Name: Oneida Total Integrated Enterprises

Project No.: 2010101-1022

Project Contact: Raghu Nagam

Phone Number: 312-220 7000

Project Location: Mansfield, OH

Types of Analysis: pH & flashpoint; SVOCs; TCLP metals; Total metals; VOCs; PCBs

New Age/Landmark, Inc.
Mobile Laboratory Services

Tel. No.: 888-685-1628
www.newagelandmark.com

№ 5096

Chain-of Custody Record

Item No.	Sample ID	Date	Time	Sample Type: Comp	Sample Type: Grab	No. of Containers	Preserved (Y/N)	4°C (Y/N)	Condition (A or NA)	Comments/Remarks Sample Description	Lab ID
1	RMB-LIQ-02	4-17-12	1200		X	8	N	y	A	Total metals only unless TCLP necessary for dissolved solids	NAL 12053P-011
2	RMB-LIQ-04	"	1300		X	7	N	y	A	" "	NAL -012
3	RMB-SS-08	"			"	2	N	y	NA		NAL -013
4	RMB-SS-09	"			"	2	N	y	NA		NAL -014
5	RMB-SS-10	"			"	2	N	y	NA		NAL -015
6	RMB-SS-11	"			"	2	N	y	NA		NAL -016
7	RMB-SS-11-MS/MSD	"			"	1	N	y	NA		NAL -017
8									NA		NAL -
9											NAL -
10											NAL -

MCP 4/18/12

Transfer Number	Item Numbers	Transfers Relinquished By	Transfers Accepted By	Date	Time
1	1-7			4/18/12	10:50
2					
3					
4					

Remarks (for lab use only): Delivered on ice

Sampler's Signature

Print Name: Carlos Ruza

White: New Age/Landmark, Inc. File Copy•Yellow: Laboratory Copy•Pink: Client Copy

5-16-12

New Age/Landmark
Mobile Laboratory Services
160 Veterans Blvd. • South Haven, Michigan 49090
Tel: 888-685-1628 • mobilelabs@newagelandmark.com

FINAL ANALYTICAL REPORT

Oneida Total Integrated Enterprises
100 W. Monroe, Ste 300
Chicago, IL 60603
ATTN: Raghu Nagam

Project #: NAL12-053F
Project Site: Mansfield, Ohio

Analytical results meet the requirements of NELAC Standards. The results reported apply solely to the sample analyzed and all results are reported on a dry weight basis unless stated otherwise. Any questions concerning this report should be directed to Scott D. Wall, President

* = NAL is not certified for this compound by NELAC.
B = Analyte is found in the associated blank as well as in the sample.
D = Compound identified in an analysis at a secondary dilution factor.
E = Compound's concentration exceeds the calibration range of the instrument at this dilution.
X = Estimated value, some aspect of the test relative to this compound did not meet QC criteria. See batch narrative for explanation.
J = Estimated value, compound meets the identification criteria but the result is less than the limit of quantitation but greater than the MDL.

Lab ID:	Sample ID:		CAS #	ANALYTES	Results	QC	Units	RL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Sample	Final	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
NAL12056F-001	RMB-LIQ-03	TRG	75-71-8	Dichlorodifluoromethane		U	ug/L	5	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7302				
NAL12056F-001	RMB-LIQ-03	TRG	74-87-3	Chloromethane		U	ug/L	5	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7302				
NAL12056F-001	RMB-LIQ-03	TRG	75-01-4	Vinyl chloride		U	ug/L	2	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7302				
NAL12056F-001	RMB-LIQ-03	TRG	74-83-9	Bromomethane		U	ug/L	5	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7302				
NAL12056F-001	RMB-LIQ-03	TRG	75-00-3	Chloroethane		U	ug/L	5	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7302				
NAL12056F-001	RMB-LIQ-03	TRG	75-69-4	Trichlorofluoromethane		U	ug/L	5	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7302				
NAL12056F-001	RMB-LIQ-03	TRG	75-35-4	1,1-Dichloroethene		U	ug/L	1	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7302				
NAL12056F-001	RMB-LIQ-03	TRG	75-09-2	Methylene chloride		U	ug/L	5	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7302				
NAL12056F-001	RMB-LIQ-03	TRG	156-60-5	trans-1,2-Dichloroethene		U	ug/L	1	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7302				
NAL12056F-001	RMB-LIQ-03	TRG	1634-04-4	Methyl tert-Butyl Ether		U	ug/L	5	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7302				
NAL12056F-001	RMB-LIQ-03	TRG	75-34-3	1,1-Dichloroethane		U	ug/L	1	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7302				
NAL12056F-001	RMB-LIQ-03	TRG	156-59-2	cis-1,2-Dichloroethene		U	ug/L	1	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7302				
NAL12056F-001	RMB-LIQ-03	TRG	594-20-7	2,2-Dichloropropane		U	ug/L	1	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7302				
NAL12056F-001	RMB-LIQ-03	TRG	74-97-5	Bromochloromethane		U	ug/L	2	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7302				
NAL12056F-001	RMB-LIQ-03	TRG	67-66-3	Chloroform		U	ug/L	1	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7302				
NAL12056F-001	RMB-LIQ-03	TRG	71-55-6	1,1,1-Trichloroethane		U	ug/L	1	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7302				
NAL12056F-001	RMB-LIQ-03	TRG	56-23-5	Carbon tetrachloride		U	ug/L	1	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7302				
NAL12056F-001	RMB-LIQ-03	TRG	71-43-2	Benzene		U	ug/L	1	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7302				
NAL12056F-001	RMB-LIQ-03	TRG	563-58-6	1,1-Dichloropropene		U	ug/L	1	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7302				
NAL12056F-001	RMB-LIQ-03	TRG	107-06-2	1,2-Dichloroethane		U	ug/L	1	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7302				
NAL12056F-001	RMB-LIQ-03	TRG	79-01-6	Trichloroethene		U	ug/L	1	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7302				
NAL12056F-001	RMB-LIQ-03	TRG	74-95-3	Dibromomethane		U	ug/L	2	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7302				
NAL12056F-001	RMB-LIQ-03	TRG	78-87-5	1,2-Dichloropropane		U	ug/L	1	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7302				
NAL12056F-001	RMB-LIQ-03	TRG	75-27-4	Bromodichloromethane		U	ug/L	2	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7302				
NAL12056F-001	RMB-LIQ-03	TRG	10061-01-5	cis-1,3-Dichloropropene		U	ug/L	1	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7302				
NAL12056F-001	RMB-LIQ-03	TRG	108-88-3	Toluene		U	ug/L	1	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7302				
NAL12056F-001	RMB-LIQ-03	TRG	10061-02-6	trans-1,3-Dichloropropene		U	ug/L	1	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7302				
NAL12056F-001	RMB-LIQ-03	TRG	127-18-4	Tetrachloroethene		U	ug/L	1	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7302				
NAL12056F-001	RMB-LIQ-03	TRG	79-00-5	1,1,2-Trichloroethane		U	ug/L	1	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7302				
NAL12056F-001	RMB-LIQ-03	TRG	124-48-1	Dibromochloromethane		U	ug/L	2	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7302				
NAL12056F-001	RMB-LIQ-03	TRG	142-28-9	1,3-Dichloropropane		U	ug/L	1	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7302				
NAL12056F-001	RMB-LIQ-03	TRG	106-93-4	1,2-Dibromoethane		U	ug/L	2	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7302				
NAL12056F-001	RMB-LIQ-03	TRG	100-41-4	Ethylbenzene		U	ug/L	1	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7302				
NAL12056F-001	RMB-LIQ-03	TRG	108-90-7	Chlorobenzene		U	ug/L	1	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7302				
NAL12056F-001	RMB-LIQ-03	TRG	630-20-6	1,1,1,2-Tetrachloroethane		U	ug/L	2	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7302				
NAL12056F-001	RMB-LIQ-03	TRG	XYLMP	p&m-Xylene		U	ug/L	2	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7302				
NAL12056F-001	RMB-LIQ-03	TRG	95-47-6	o-Xylene		U	ug/L	1	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7302				
NAL12056F-001	RMB-LIQ-03	TRG	100-42-5	Styrene		U	ug/L	1	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7302				

5-16-12

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FINAL ANALYTICAL REPORT

Oneida Total Integrated Enterprises
100 W. Monroe, Ste 300
Chicago, IL 60603
ATTN: Raghu Nagam

Project #: NAL12-053F
Project Site: Mansfield, Ohio

Analytical results meet the requirements of NELAC Standards. The results reported apply solely to the sample analyzed and all results are reported on a dry weight basis unless stated otherwise. Any questions concerning this report should be directed to Scott D. Wall, President

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Lab ID:	Sample ID:		CAS #	ANALYTES	Results	QC	Units	RL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Sample	Final	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
NAL12056F-001	RMB-LIQ-03	TRG	75-25-2	Bromoform		U	ug/L	2	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7302				
NAL12056F-001	RMB-LIQ-03	TRG	98-82-8	Isopropylbenzene		U	ug/L	2	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7302				
NAL12056F-001	RMB-LIQ-03	TRG	103-65-1	n-Propylbenzene		U	ug/L	2	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7302				
NAL12056F-001	RMB-LIQ-03	TRG	108-86-1	Bromobenzene		U	ug/L	2	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7302				
NAL12056F-001	RMB-LIQ-03	TRG	79-34-5	1,1,2,2-Tetrachloroethane		U	ug/L	2	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7302				
NAL12056F-001	RMB-LIQ-03	TRG	96-18-4	1,2,3-Trichloropropane		U	ug/L	2	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7302				
NAL12056F-001	RMB-LIQ-03	TRG	95-49-8	2-Chlorotoluene		U	ug/L	2	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7302				
NAL12056F-001	RMB-LIQ-03	TRG	106-43-4	4-Chlorotoluene		U	ug/L	2	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7302				
NAL12056F-001	RMB-LIQ-03	TRG	108-67-8	1,3,5-Trimethylbenzene		U	ug/L	2	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7302				
NAL12056F-001	RMB-LIQ-03	TRG	98-06-6	tert-Butylbenzene		U	ug/L	2	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7302				
NAL12056F-001	RMB-LIQ-03	TRG	95-63-6	1,2,4-Trimethylbenzene		U	ug/L	2	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7302				
NAL12056F-001	RMB-LIQ-03	TRG	135-98-8	sec-Butylbenzene		U	ug/L	2	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7302				
NAL12056F-001	RMB-LIQ-03	TRG	541-73-1	1,3-Dichlorobenzene		U	ug/L	2	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7302				
NAL12056F-001	RMB-LIQ-03	TRG	99-87-6	p-Isopropltoluene		U	ug/L	2	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7302				
NAL12056F-001	RMB-LIQ-03	TRG	106-46-7	1,4-Dichlorobenzene		U	ug/L	2	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7302				
NAL12056F-001	RMB-LIQ-03	TRG	95-50-1	1,2-Dichlorobenzene		U	ug/L	2	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7302				
NAL12056F-001	RMB-LIQ-03	TRG	104-51-8	n-Butylbenzene		U	ug/L	5	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7302				
NAL12056F-001	RMB-LIQ-03	TRG	96-12-8	1,2-Dibromo-3-chloropropane		U	ug/L	5	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7302				
NAL12056F-001	RMB-LIQ-03	TRG	87-68-3	Hexachlorobutadiene		U	ug/L	5	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7302				
NAL12056F-001	RMB-LIQ-03	TRG	120-82-1	1,2,4-Trichlorobenzene		U	ug/L	5	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7302				
NAL12056F-001	RMB-LIQ-03	TRG	91-20-3	Naphthalene		U	ug/L	5	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7302				
NAL12056F-001	RMB-LIQ-03	TRG	87-61-6	1,2,3-Trichlorobenzene		U	ug/L	5	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7302				
NAL12056F-001	RMB-LIQ-03	SUR	1868-53-7	Dibromofluoromethane	55		ng	1	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7302	50	110		
NAL12056F-001	RMB-LIQ-03	SUR	17060-07-0	1,2-Dichloroethane d4	49		ng	1	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7302	50	98		
NAL12056F-001	RMB-LIQ-03	SUR	2037-26-5	Toluene d8	45		ng	1	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7302	50	90		
NAL12056F-001	RMB-LIQ-03	SUR	460-00-4	Bromofluorobenzene	50		ng	1	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7302	50	100		

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NAL12056F-011DIL	RMB-LIQ-02	TRG	75-71-8	Dichlorodifluoromethane		U	ug/L	25	4/17/2012	4/18/2012	4/18/2012	WG	5	5.0	5.0	0.0	SW8260B	NALJ7304				
NAL12056F-011DIL	RMB-LIQ-02	TRG	74-87-3	Chloromethane		U	ug/L	25	4/17/2012	4/18/2012	4/18/2012	WG	5	5.0	5.0	0.0	SW8260B	NALJ7304				
NAL12056F-011DIL	RMB-LIQ-02	TRG	75-01-4	Vinyl chloride		U	ug/L	10	4/17/2012	4/18/2012	4/18/2012	WG	5	5.0	5.0	0.0	SW8260B	NALJ7304				
NAL12056F-011DIL	RMB-LIQ-02	TRG	74-83-9	Bromomethane		U	ug/L	25	4/17/2012	4/18/2012	4/18/2012	WG	5	5.0	5.0	0.0	SW8260B	NALJ7304				
NAL12056F-011DIL	RMB-LIQ-02	TRG	75-00-3	Chloroethane		U	ug/L	25	4/17/2012	4/18/2012	4/18/2012	WG	5	5.0	5.0	0.0	SW8260B	NALJ7304				
NAL12056F-011DIL	RMB-LIQ-02	TRG	75-69-4	Trichlorofluoromethane		U	ug/L	25	4/17/2012	4/18/2012	4/18/2012	WG	5	5.0	5.0	0.0	SW8260B	NALJ7304				
NAL12056F-011DIL	RMB-LIQ-02	TRG	75-35-4	1,1-Dichloroethene		U	ug/L	5	4/17/2012	4/18/2012	4/18/2012	WG	5	5.0	5.0	0.0	SW8260B	NALJ7304				
NAL12056F-011DIL	RMB-LIQ-02	TRG	75-09-2	Methylene chloride		U	ug/L	25	4/17/2012	4/18/2012	4/18/2012	WG	5	5.0	5.0	0.0	SW8260B	NALJ7304				
NAL12056F-011DIL	RMB-LIQ-02	TRG	156-60-5	trans-1,2-Dichloroethene		U	ug/L	5	4/17/2012	4/18/2012	4/18/2012	WG	5	5.0	5.0	0.0	SW8260B	NALJ7304				
NAL12056F-011DIL	RMB-LIQ-02	TRG	1634-04-4	Methyl tert-Butyl Ether		U	ug/L	25	4/17/2012	4/18/2012	4/18/2012	WG	5	5.0	5.0	0.0	SW8260B	NALJ7304				
NAL12056F-011DIL	RMB-LIQ-02	TRG	75-34-3	1,1-Dichloroethane		U	ug/L	5	4/17/2012	4/18/2012	4/18/2012	WG	5	5.0	5.0	0.0	SW8260B	NALJ7304				
NAL12056F-011DIL	RMB-LIQ-02	TRG	156-59-2	cis-1,2-Dichloroethene		U	ug/L	5	4/17/2012	4/18/2012	4/18/2012	WG	5	5.0	5.0	0.0	SW8260B	NALJ7304				
NAL12056F-011DIL	RMB-LIQ-02	TRG	594-20-7	2,2-Dichloropropane		U	ug/L	5	4/17/2012	4/18/2012	4/18/2012	WG	5	5.0	5.0	0.0	SW8260B	NALJ7304				
NAL12056F-011DIL	RMB-LIQ-02	TRG	74-97-5	Bromochloromethane		U	ug/L	10	4/17/2012	4/18/2012	4/18/2012	WG	5	5.0	5.0	0.0	SW8260B	NALJ7304				
NAL12056F-011DIL	RMB-LIQ-02	TRG	67-66-3	Chloroform		U	ug/L	5	4/17/2012	4/18/2012	4/18/2012	WG	5	5.0	5.0	0.0	SW8260B	NALJ7304				
NAL12056F-011DIL	RMB-LIQ-02	TRG	71-55-6	1,1,1-Trichloroethane		U	ug/L	5	4/17/2012	4/18/2012	4/18/2012	WG	5	5.0	5.0	0.0	SW8260B	NALJ7304				
NAL12056F-011DIL	RMB-LIQ-02	TRG	56-23-5	Carbon tetrachloride		U	ug/L	5	4/17/2012	4/18/2012	4/18/2012	WG	5	5.0	5.0	0.0	SW8260B	NALJ7304				
NAL12056F-011DIL	RMB-LIQ-02	TRG	71-43-2	Benzene		U	ug/L	5	4/17/2012	4/18/2012	4/18/2012	WG	5	5.0	5.0	0.0	SW8260B	NALJ7304				
NAL12056F-011DIL	RMB-LIQ-02	TRG	563-58-6	1,1-Dichloropropene		U	ug/L	5	4/17/2012	4/18/2012	4/18/2012	WG	5	5.0	5.0	0.0	SW8260B	NALJ7304				
NAL12056F-011DIL	RMB-LIQ-02	TRG	107-06-2	1,2-Dichloroethane		U	ug/L	5	4/17/2012	4/18/2012	4/18/2012	WG	5	5.0	5.0	0.0	SW8260B	NALJ7304				
NAL12056F-011DIL	RMB-LIQ-02	TRG	79-01-6	Trichloroethene		U	ug/L	5	4/17/2012	4/18/2012	4/18/2012	WG	5	5.0	5.0	0.0	SW8260B	NALJ7304				
NAL12056F-011DIL	RMB-LIQ-02	TRG	74-95-3	Dibromomethane		U	ug/L	10	4/17/2012	4/18/2012	4/18/2012	WG	5	5.0	5.0	0.0	SW8260B	NALJ7304				
NAL12056F-011DIL	RMB-LIQ-02	TRG	78-87-5	1,2-Dichloropropane		U	ug/L	5	4/17/2012	4/18/2012	4/18/2012	WG	5	5.0	5.0	0.0	SW8260B	NALJ7304				
NAL12056F-011DIL	RMB-LIQ-02	TRG	75-27-4	Bromodichloromethane		U	ug/L	10	4/17/2012	4/18/2012	4/18/2012	WG	5	5.0	5.0	0.0	SW8260B	NALJ7304				
NAL12056F-011DIL	RMB-LIQ-02	TRG	10061-01-5	cis-1,3-Dichloropropene		U	ug/L	5	4/17/2012	4/18/2012	4/18/2012	WG	5	5.0	5.0	0.0	SW8260B	NALJ7304				
NAL12056F-011DIL	RMB-LIQ-02	TRG	108-88-3	Toluene		U	ug/L	5	4/17/2012	4/18/2012	4/18/2012	WG	5	5.0	5.0	0.0	SW8260B	NALJ7304				
NAL12056F-011DIL	RMB-LIQ-02	TRG	10061-02-6	trans-1,3-Dichloropropene		U	ug/L	5	4/17/2012	4/18/2012	4/18/2012	WG	5	5.0	5.0	0.0	SW8260B	NALJ7304				
NAL12056F-011DIL	RMB-LIQ-02	TRG	127-18-4	Tetrachloroethene		U	ug/L	5	4/17/2012	4/18/2012	4/18/2012	WG	5	5.0	5.0	0.0	SW8260B	NALJ7304				
NAL12056F-011DIL	RMB-LIQ-02	TRG	79-00-5	1,1,2-Trichloroethane		U	ug/L	5	4/17/2012	4/18/2012	4/18/2012	WG	5	5.0	5.0	0.0	SW8260B	NALJ7304				
NAL12056F-011DIL	RMB-LIQ-02	TRG	124-48-1	Dibromochloromethane		U	ug/L	10	4/17/2012	4/18/2012	4/18/2012	WG	5	5.0	5.0	0.0	SW8260B	NALJ7304				
NAL12056F-011DIL	RMB-LIQ-02	TRG	142-28-9	1,3-Dichloropropane		U	ug/L	5	4/17/2012	4/18/2012	4/18/2012	WG	5	5.0	5.0	0.0	SW8260B	NALJ7304				
NAL12056F-011DIL	RMB-LIQ-02	TRG	106-93-4	1,2-Dibromoethane		U	ug/L	10	4/17/2012	4/18/2012	4/18/2012	WG	5	5.0	5.0	0.0	SW8260B	NALJ7304				
NAL12056F-011DIL	RMB-LIQ-02	TRG	100-41-4	Ethylbenzene		U	ug/L	5	4/17/2012	4/18/2012	4/18/2012	WG	5	5.0	5.0	0.0	SW8260B	NALJ7304				
NAL12056F-011DIL	RMB-LIQ-02	TRG	108-90-7	Chlorobenzene		U	ug/L	5	4/17/2012	4/18/2012	4/18/2012	WG	5	5.0	5.0	0.0	SW8260B	NALJ7304				
NAL12056F-011DIL	RMB-LIQ-02	TRG	630-20-6	1,1,1,2-Tetrachloroethane		U	ug/L	10	4/17/2012	4/18/2012	4/18/2012	WG	5	5.0	5.0	0.0	SW8260B	NALJ7304				
NAL12056F-011DIL	RMB-LIQ-02	TRG	XYLMP	p&m-Xylene		U	ug/L	10	4/17/2012	4/18/2012	4/18/2012	WG	5	5.0	5.0	0.0	SW8260B	NALJ7304				
NAL12056F-011DIL	RMB-LIQ-02	TRG	95-47-6	o-Xylene		U	ug/L	5	4/17/2012	4/18/2012	4/18/2012	WG	5	5.0	5.0	0.0	SW8260B	NALJ7304				
NAL12056F-011DIL	RMB-LIQ-02	TRG	100-42-5	Styrene		U	ug/L	5	4/17/2012	4/18/2012	4/18/2012	WG	5	5.0	5.0	0.0	SW8260B	NALJ7304				

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NAL12056F-011DIL	RMB-LIQ-02	TRG	75-25-2	Bromoform		U	ug/L	10	4/17/2012	4/18/2012	4/18/2012	WG	5	5.0	5.0	0.0	SW8260B	NALJ7304				
NAL12056F-011DIL	RMB-LIQ-02	TRG	98-82-8	Isopropylbenzene		U	ug/L	10	4/17/2012	4/18/2012	4/18/2012	WG	5	5.0	5.0	0.0	SW8260B	NALJ7304				
NAL12056F-011DIL	RMB-LIQ-02	TRG	103-65-1	n-Propylbenzene		U	ug/L	10	4/17/2012	4/18/2012	4/18/2012	WG	5	5.0	5.0	0.0	SW8260B	NALJ7304				
NAL12056F-011DIL	RMB-LIQ-02	TRG	108-86-1	Bromobenzene		U	ug/L	10	4/17/2012	4/18/2012	4/18/2012	WG	5	5.0	5.0	0.0	SW8260B	NALJ7304				
NAL12056F-011DIL	RMB-LIQ-02	TRG	79-34-5	1,1,2,2-Tetrachloroethane		U	ug/L	10	4/17/2012	4/18/2012	4/18/2012	WG	5	5.0	5.0	0.0	SW8260B	NALJ7304				
NAL12056F-011DIL	RMB-LIQ-02	TRG	96-18-4	1,2,3-Trichloropropane		U	ug/L	10	4/17/2012	4/18/2012	4/18/2012	WG	5	5.0	5.0	0.0	SW8260B	NALJ7304				
NAL12056F-011DIL	RMB-LIQ-02	TRG	95-49-8	2-Chlorotoluene		U	ug/L	10	4/17/2012	4/18/2012	4/18/2012	WG	5	5.0	5.0	0.0	SW8260B	NALJ7304				
NAL12056F-011DIL	RMB-LIQ-02	TRG	106-43-4	4-Chlorotoluene		U	ug/L	10	4/17/2012	4/18/2012	4/18/2012	WG	5	5.0	5.0	0.0	SW8260B	NALJ7304				
NAL12056F-011DIL	RMB-LIQ-02	TRG	108-67-8	1,3,5-Trimethylbenzene		U	ug/L	10	4/17/2012	4/18/2012	4/18/2012	WG	5	5.0	5.0	0.0	SW8260B	NALJ7304				
NAL12056F-011DIL	RMB-LIQ-02	TRG	98-06-6	tert-Butylbenzene		U	ug/L	10	4/17/2012	4/18/2012	4/18/2012	WG	5	5.0	5.0	0.0	SW8260B	NALJ7304				
NAL12056F-011DIL	RMB-LIQ-02	TRG	95-63-6	1,2,4-Trimethylbenzene		U	ug/L	10	4/17/2012	4/18/2012	4/18/2012	WG	5	5.0	5.0	0.0	SW8260B	NALJ7304				
NAL12056F-011DIL	RMB-LIQ-02	TRG	135-98-8	sec-Butylbenzene		U	ug/L	10	4/17/2012	4/18/2012	4/18/2012	WG	5	5.0	5.0	0.0	SW8260B	NALJ7304				
NAL12056F-011DIL	RMB-LIQ-02	TRG	541-73-1	1,3-Dichlorobenzene		U	ug/L	10	4/17/2012	4/18/2012	4/18/2012	WG	5	5.0	5.0	0.0	SW8260B	NALJ7304				
NAL12056F-011DIL	RMB-LIQ-02	TRG	99-87-6	p-Isopropltoluene		U	ug/L	10	4/17/2012	4/18/2012	4/18/2012	WG	5	5.0	5.0	0.0	SW8260B	NALJ7304				
NAL12056F-011DIL	RMB-LIQ-02	TRG	106-46-7	1,4-Dichlorobenzene		U	ug/L	10	4/17/2012	4/18/2012	4/18/2012	WG	5	5.0	5.0	0.0	SW8260B	NALJ7304				
NAL12056F-011DIL	RMB-LIQ-02	TRG	95-50-1	1,2-Dichlorobenzene		U	ug/L	10	4/17/2012	4/18/2012	4/18/2012	WG	5	5.0	5.0	0.0	SW8260B	NALJ7304				
NAL12056F-011DIL	RMB-LIQ-02	TRG	104-51-8	n-Butylbenzene		U	ug/L	25	4/17/2012	4/18/2012	4/18/2012	WG	5	5.0	5.0	0.0	SW8260B	NALJ7304				
NAL12056F-011DIL	RMB-LIQ-02	TRG	96-12-8	1,2-Dibromo-3-chloropropane		U	ug/L	25	4/17/2012	4/18/2012	4/18/2012	WG	5	5.0	5.0	0.0	SW8260B	NALJ7304				
NAL12056F-011DIL	RMB-LIQ-02	TRG	87-68-3	Hexachlorobutadiene		U	ug/L	25	4/17/2012	4/18/2012	4/18/2012	WG	5	5.0	5.0	0.0	SW8260B	NALJ7304				
NAL12056F-011DIL	RMB-LIQ-02	TRG	120-82-1	1,2,4-Trichlorobenzene		U	ug/L	25	4/17/2012	4/18/2012	4/18/2012	WG	5	5.0	5.0	0.0	SW8260B	NALJ7304				
NAL12056F-011DIL	RMB-LIQ-02	TRG	91-20-3	Naphthalene		U	ug/L	25	4/17/2012	4/18/2012	4/18/2012	WG	5	5.0	5.0	0.0	SW8260B	NALJ7304				
NAL12056F-011DIL	RMB-LIQ-02	TRG	87-61-6	1,2,3-Trichlorobenzene		U	ug/L	25	4/17/2012	4/18/2012	4/18/2012	WG	5	5.0	5.0	0.0	SW8260B	NALJ7304				
NAL12056F-011DIL	RMB-LIQ-02	SUR	1868-53-7	Dibromofluoromethane	56		ng	1	4/17/2012	4/18/2012	4/18/2012	WG	5	5.0	5.0	0.0	SW8260B	NALJ7304	50	112		
NAL12056F-011DIL	RMB-LIQ-02	SUR	17060-07-0	1,2-Dichloroethane d4	51		ng	1	4/17/2012	4/18/2012	4/18/2012	WG	5	5.0	5.0	0.0	SW8260B	NALJ7304	50	102		
NAL12056F-011DIL	RMB-LIQ-02	SUR	2037-26-5	Toluene d8	46		ng	1	4/17/2012	4/18/2012	4/18/2012	WG	5	5.0	5.0	0.0	SW8260B	NALJ7304	50	92		
NAL12056F-011DIL	RMB-LIQ-02	SUR	460-00-4	Bromofluorobenzene	52		ng	1	4/17/2012	4/18/2012	4/18/2012	WG	5	5.0	5.0	0.0	SW8260B	NALJ7304	50	104		

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FINAL ANALYTICAL REPORT

Oneida Total Integrated Enterprises
100 W. Monroe, Ste 300
Chicago, IL 60603
ATTN: Raghu Nagam

Project #: NAL12-053F
Project Site: Mansfield, Ohio

Analytical results meet the requirements of NELAC Standards. The results reported apply solely to the sample analyzed and all results are reported on a dry weight basis unless stated otherwise. Any questions concerning this report should be directed to Scott D. Wall, President
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Lab ID:	Sample ID:		CAS #	ANALYTES	Results	QC	Units	RL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Sample	Final	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
NAL12056F-012	RMB-LIQ-04	TRG	75-71-8	Dichlorodifluoromethane		U	ug/L	5	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7303				
NAL12056F-012	RMB-LIQ-04	TRG	74-87-3	Chloromethane		U	ug/L	5	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7303				
NAL12056F-012	RMB-LIQ-04	TRG	75-01-4	Vinyl chloride		U	ug/L	2	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7303				
NAL12056F-012	RMB-LIQ-04	TRG	74-83-9	Bromomethane		U	ug/L	5	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7303				
NAL12056F-012	RMB-LIQ-04	TRG	75-00-3	Chloroethane		U	ug/L	5	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7303				
NAL12056F-012	RMB-LIQ-04	TRG	75-69-4	Trichlorofluoromethane		U	ug/L	5	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7303				
NAL12056F-012	RMB-LIQ-04	TRG	75-35-4	1,1-Dichloroethene		U	ug/L	1	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7303				
NAL12056F-012	RMB-LIQ-04	TRG	75-09-2	Methylene chloride		U	ug/L	5	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7303				
NAL12056F-012	RMB-LIQ-04	TRG	156-60-5	trans-1,2-Dichloroethene		U	ug/L	1	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7303				
NAL12056F-012	RMB-LIQ-04	TRG	1634-04-4	Methyl tert-Butyl Ether		U	ug/L	5	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7303				
NAL12056F-012	RMB-LIQ-04	TRG	75-34-3	1,1-Dichloroethane		U	ug/L	1	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7303				
NAL12056F-012	RMB-LIQ-04	TRG	156-59-2	cis-1,2-Dichloroethene		U	ug/L	1	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7303				
NAL12056F-012	RMB-LIQ-04	TRG	594-20-7	2,2-Dichloropropane		U	ug/L	1	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7303				
NAL12056F-012	RMB-LIQ-04	TRG	74-97-5	Bromochloromethane		U	ug/L	2	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7303				
NAL12056F-012	RMB-LIQ-04	TRG	67-66-3	Chloroform		U	ug/L	1	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7303				
NAL12056F-012	RMB-LIQ-04	TRG	71-55-6	1,1,1-Trichloroethane		U	ug/L	1	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7303				
NAL12056F-012	RMB-LIQ-04	TRG	56-23-5	Carbon tetrachloride		U	ug/L	1	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7303				
NAL12056F-012	RMB-LIQ-04	TRG	71-43-2	Benzene		U	ug/L	1	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7303				
NAL12056F-012	RMB-LIQ-04	TRG	563-58-6	1,1-Dichloropropene		U	ug/L	1	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7303				
NAL12056F-012	RMB-LIQ-04	TRG	107-06-2	1,2-Dichloroethane		U	ug/L	1	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7303				
NAL12056F-012	RMB-LIQ-04	TRG	79-01-6	Trichloroethene		U	ug/L	1	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7303				
NAL12056F-012	RMB-LIQ-04	TRG	74-95-3	Dibromomethane		U	ug/L	2	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7303				
NAL12056F-012	RMB-LIQ-04	TRG	78-87-5	1,2-Dichloropropane		U	ug/L	1	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7303				
NAL12056F-012	RMB-LIQ-04	TRG	75-27-4	Bromodichloromethane		U	ug/L	2	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7303				
NAL12056F-012	RMB-LIQ-04	TRG	10061-01-5	cis-1,3-Dichloropropene		U	ug/L	1	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7303				
NAL12056F-012	RMB-LIQ-04	TRG	108-88-3	Toluene		U	ug/L	1	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7303				
NAL12056F-012	RMB-LIQ-04	TRG	10061-02-6	trans-1,3-Dichloropropene		U	ug/L	1	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7303				
NAL12056F-012	RMB-LIQ-04	TRG	127-18-4	Tetrachloroethene		U	ug/L	1	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7303				
NAL12056F-012	RMB-LIQ-04	TRG	79-00-5	1,1,2-Trichloroethane		U	ug/L	1	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7303				
NAL12056F-012	RMB-LIQ-04	TRG	124-48-1	Dibromochloromethane		U	ug/L	2	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7303				
NAL12056F-012	RMB-LIQ-04	TRG	142-28-9	1,3-Dichloropropane		U	ug/L	1	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7303				
NAL12056F-012	RMB-LIQ-04	TRG	106-93-4	1,2-Dibromoethane		U	ug/L	2	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7303				
NAL12056F-012	RMB-LIQ-04	TRG	100-41-4	Ethylbenzene		U	ug/L	1	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7303				
NAL12056F-012	RMB-LIQ-04	TRG	108-90-7	Chlorobenzene		U	ug/L	1	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7303				
NAL12056F-012	RMB-LIQ-04	TRG	630-20-6	1,1,1,2-Tetrachloroethane		U	ug/L	2	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7303				
NAL12056F-012	RMB-LIQ-04	TRG	XYLMP	p&m-Xylene		U	ug/L	2	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7303				
NAL12056F-012	RMB-LIQ-04	TRG	95-47-6	o-Xylene		U	ug/L	1	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7303				
NAL12056F-012	RMB-LIQ-04	TRG	100-42-5	Styrene		U	ug/L	1	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7303				

5-16-12

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FINAL ANALYTICAL REPORT

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100 W. Monroe, Ste 300
Chicago, IL 60603
ATTN: Raghu Nagam

Project #: NAL12-053F
Project Site: Mansfield, Ohio

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Lab ID:	Sample ID:		CAS #	ANALYTES	Results	QC	Units	RL	Sample Date	Prep. Date	Analysis Date	Matrix	Dil.	Sampl e	Fin al	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
NAL12056F-012	RMB-LIQ-04	TRG	75-25-2	Bromoform		U	ug/L	2	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7303				
NAL12056F-012	RMB-LIQ-04	TRG	98-82-8	Isopropylbenzene		U	ug/L	2	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7303				
NAL12056F-012	RMB-LIQ-04	TRG	103-65-1	n-Propylbenzene		U	ug/L	2	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7303				
NAL12056F-012	RMB-LIQ-04	TRG	108-86-1	Bromobenzene		U	ug/L	2	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7303				
NAL12056F-012	RMB-LIQ-04	TRG	79-34-5	1,1,2,2-Tetrachloroethane		U	ug/L	2	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7303				
NAL12056F-012	RMB-LIQ-04	TRG	96-18-4	1,2,3-Trichloropropane		U	ug/L	2	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7303				
NAL12056F-012	RMB-LIQ-04	TRG	95-49-8	2-Chlorotoluene		U	ug/L	2	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7303				
NAL12056F-012	RMB-LIQ-04	TRG	106-43-4	4-Chlorotoluene		U	ug/L	2	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7303				
NAL12056F-012	RMB-LIQ-04	TRG	108-67-8	1,3,5-Trimethylbenzene		U	ug/L	2	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7303				
NAL12056F-012	RMB-LIQ-04	TRG	98-06-6	tert-Butylbenzene		U	ug/L	2	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7303				
NAL12056F-012	RMB-LIQ-04	TRG	95-63-6	1,2,4-Trimethylbenzene		U	ug/L	2	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7303				
NAL12056F-012	RMB-LIQ-04	TRG	135-98-8	sec-Butylbenzene		U	ug/L	2	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7303				
NAL12056F-012	RMB-LIQ-04	TRG	541-73-1	1,3-Dichlorobenzene		U	ug/L	2	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7303				
NAL12056F-012	RMB-LIQ-04	TRG	99-87-6	p-Isopropltoluene		U	ug/L	2	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7303				
NAL12056F-012	RMB-LIQ-04	TRG	106-46-7	1,4-Dichlorobenzene		U	ug/L	2	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7303				
NAL12056F-012	RMB-LIQ-04	TRG	95-50-1	1,2-Dichlorobenzene		U	ug/L	2	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7303				
NAL12056F-012	RMB-LIQ-04	TRG	104-51-8	n-Butylbenzene		U	ug/L	5	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7303				
NAL12056F-012	RMB-LIQ-04	TRG	96-12-8	1,2-Dibromo-3-chloropropane		U	ug/L	5	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7303				
NAL12056F-012	RMB-LIQ-04	TRG	87-68-3	Hexachlorobutadiene		U	ug/L	5	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7303				
NAL12056F-012	RMB-LIQ-04	TRG	120-82-1	1,2,4-Trichlorobenzene		U	ug/L	5	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7303				
NAL12056F-012	RMB-LIQ-04	TRG	91-20-3	Naphthalene		U	ug/L	5	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7303				
NAL12056F-012	RMB-LIQ-04	TRG	87-61-6	1,2,3-Trichlorobenzene		U	ug/L	5	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7303				
NAL12056F-012	RMB-LIQ-04	SUR	1868-53-7	Dibromofluoromethane	56		ng	1	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7303	50	112		
NAL12056F-012	RMB-LIQ-04	SUR	17060-07-0	1,2-Dichloroethane d4	51		ng	1	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7303	50	102		
NAL12056F-012	RMB-LIQ-04	SUR	2037-26-5	Toluene d8	46		ng	1	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7303	50	92		
NAL12056F-012	RMB-LIQ-04	SUR	460-00-4	Bromofluorobenzene	49		ng	1	4/17/2012	4/18/2012	4/18/2012	WG	1	5.0	5.0	0.0	SW8260B	NALJ7303	50	98		

5-16-12

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ATTN: Raghu Nagam

Project #: NAL12-053F
Project Site: Mansfield, Ohio

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D = Compound identified in an analysis at a secondary dilution factor.
E = Compound's concentration exceeds the calibration range of the instrument at this dilution.
R = Data unusable due to deficiencies in the ability to analyze the sample and meet QC criteria.
F = Estimated value, compound meets the identification criteria but the result is less than the limit of quantitation but greater than the MDL.
U = Non-detect M = Reporting limit elevated due to matrix interference.

Lab ID:	Sample ID:		CAS #	ANALYTES	Results	QC	Units	RDL	Sample Date	Sample Time	Prep. Date	Analysis Date	Analysis Time	Matrix	Dil.	Vol (ml)	Fina l	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
NAL12053F-001	RMB-LIQ-03	ORG	62-75-9	N-nitroso-dimethylamine	R	U	ug/L	2.04	4/17/2012	12:30	4/19/2012	4/19/2012	16:55	WG	1	980	2	NA	SW8270D	NALT0614				
NAL12053F-001	RMB-LIQ-03	ORG	110-86-1	Pyridine		U	ug/L	4.08	4/17/2012	12:30	4/19/2012	4/19/2012	16:55	WG	1	980	2	NA	SW8270D	NALT0614				
NAL12053F-001	RMB-LIQ-03	ORG	62-53-3	Aniline		U	ug/L	4.08	4/17/2012	12:30	4/19/2012	4/19/2012	16:55	WG	1	980	2	NA	SW8270D	NALT0614				
NAL12053F-001	RMB-LIQ-03	ORG	108-95-2	Phenol		U	ug/L	10.20	4/17/2012	12:30	4/19/2012	4/19/2012	16:55	WG	1	980	2	NA	SW8270D	NALT0614				
NAL12053F-001	RMB-LIQ-03	ORG	111-44-4	Bis(2-chloroethyl)ether		U	ug/L	2.04	4/17/2012	12:30	4/19/2012	4/19/2012	16:55	WG	1	980	2	NA	SW8270D	NALT0614				
NAL12053F-001	RMB-LIQ-03	ORG	95-57-8	2-Chlorophenol		U	ug/L	10.20	4/17/2012	12:30	4/19/2012	4/19/2012	16:55	WG	1	980	2	NA	SW8270D	NALT0614				
NAL12053F-001	RMB-LIQ-03	ORG	541-73-1	1,3-Dichlorobenzene		U	ug/L	2.04	4/17/2012	12:30	4/19/2012	4/19/2012	16:55	WG	1	980	2	NA	SW8270D	NALT0614				
NAL12053F-001	RMB-LIQ-03	ORG	106-46-7	1,4-Dichlorobenzene		U	ug/L	2.04	4/17/2012	12:30	4/19/2012	4/19/2012	16:55	WG	1	980	2	NA	SW8270D	NALT0614				
NAL12053F-001	RMB-LIQ-03	ORG	95-50-1	1,2-Dichlorobenzene		U	ug/L	2.04	4/17/2012	12:30	4/19/2012	4/19/2012	16:55	WG	1	980	2	NA	SW8270D	NALT0614				
NAL12053F-001	RMB-LIQ-03	ORG	108-60-1	Bis(2-Chloroisopropyl)ether		U	ug/L	2.04	4/17/2012	12:30	4/19/2012	4/19/2012	16:55	WG	1	980	2	NA	SW8270D	NALT0614				
NAL12053F-001	RMB-LIQ-03	ORG	100-51-6	Benzyl Alcohol		U	ug/L	4.08	4/17/2012	12:30	4/19/2012	4/19/2012	16:55	WG	1	980	2	NA	SW8270D	NALT0614				
NAL12053F-001	RMB-LIQ-03	ORG	95-48-7	2-Methylphenol		U	ug/L	10.20	4/17/2012	12:30	4/19/2012	4/19/2012	16:55	WG	1	980	2	NA	SW8270D	NALT0614				
NAL12053F-001	RMB-LIQ-03	ORG	67-72-1	Hexachloroethane		U	ug/L	2.04	4/17/2012	12:30	4/19/2012	4/19/2012	16:55	WG	1	980	2	NA	SW8270D	NALT0614				
NAL12053F-001	RMB-LIQ-03	ORG	621-64-7	N-nitroso-di-N-propylamine		U	ug/L	2.04	4/17/2012	12:30	4/19/2012	4/19/2012	16:55	WG	1	980	2	NA	SW8270D	NALT0614				
NAL12053F-001	RMB-LIQ-03	ORG	106-44-5	4-Methylphenol		U	ug/L	10.20	4/17/2012	12:30	4/19/2012	4/19/2012	16:55	WG	1	980	2	NA	SW8270D	NALT0614				
NAL12053F-001	RMB-LIQ-03	ORG	98-95-3	Nitrobenzene		U	ug/L	2.04	4/17/2012	12:30	4/19/2012	4/19/2012	16:55	WG	1	980	2	NA	SW8270D	NALT0614				
NAL12053F-001	RMB-LIQ-03	ORG	78-59-1	Isophorone		U	ug/L	2.04	4/17/2012	12:30	4/19/2012	4/19/2012	16:55	WG	1	980	2	NA	SW8270D	NALT0614				
NAL12053F-001	RMB-LIQ-03	ORG	88-75-5	2-Nitrophenol		U	ug/L	10.20	4/17/2012	12:30	4/19/2012	4/19/2012	16:55	WG	1	980	2	NA	SW8270D	NALT0614				
NAL12053F-001	RMB-LIQ-03	ORG	105-67-9	2,4-Dimethylphenol		U	ug/L	10.20	4/17/2012	12:30	4/19/2012	4/19/2012	16:55	WG	1	980	2	NA	SW8270D	NALT0614				
NAL12053F-001	RMB-LIQ-03	ORG	111-91-1	Bis(2-Chloroethoxy)methane		U	ug/L	2.04	4/17/2012	12:30	4/19/2012	4/19/2012	16:55	WG	1	980	2	NA	SW8270D	NALT0614				
NAL12053F-001	RMB-LIQ-03	ORG	120-83-2	2,4-Dichlorophenol		U	ug/L	10.20	4/17/2012	12:30	4/19/2012	4/19/2012	16:55	WG	1	980	2	NA	SW8270D	NALT0614				
NAL12053F-001	RMB-LIQ-03	ORG	120-82-1	1,2,4-Trichlorobenzene		U	ug/L	2.04	4/17/2012	12:30	4/19/2012	4/19/2012	16:55	WG	1	980	2	NA	SW8270D	NALT0614				
NAL12053F-001	RMB-LIQ-03	ORG	91-20-3	Naphthalene		U	ug/L	2.04	4/17/2012	12:30	4/19/2012	4/19/2012	16:55	WG	1	980	2	NA	SW8270D	NALT0614				
NAL12053F-001	RMB-LIQ-03	ORG	65-85-0	Benzoic Acid		U	ug/L	10.20	4/17/2012	12:30	4/19/2012	4/19/2012	16:55	WG	1	980	2	NA	SW8270D	NALT0614				
NAL12053F-001	RMB-LIQ-03	ORG	87-65-0	2,6-Dichlorophenol		U	ug/L	10.20	4/17/2012	12:30	4/19/2012	4/19/2012	16:55	WG	1	980	2	NA	SW8270D	NALT0614				
NAL12053F-001	RMB-LIQ-03	ORG	106-47-8	4-Chloroaniline		U	ug/L	4.08	4/17/2012	12:30	4/19/2012	4/19/2012	16:55	WG	1	980	2	NA	SW8270D	NALT0614				
NAL12053F-001	RMB-LIQ-03	ORG	87-68-3	Hexachlorobutadiene		U	ug/L	2.04	4/17/2012	12:30	4/19/2012	4/19/2012	16:55	WG	1	980	2	NA	SW8270D	NALT0614				
NAL12053F-001	RMB-LIQ-03	ORG	91-57-6	2-Methylnaphthalene		U	ug/L	4.08	4/17/2012	12:30	4/19/2012	4/19/2012	16:55	WG	1	980	2	NA	SW8270D	NALT0614				
NAL12053F-001	RMB-LIQ-03	ORG	59-50-7	4-Chloro-3-methylphenol		U	ug/L	10.20	4/17/2012	12:30	4/19/2012	4/19/2012	16:55	WG	1	980	2	NA	SW8270D	NALT0614				
NAL12053F-001	RMB-LIQ-03	ORG	77-47-4	Hexachlorocyclopentadiene		U	ug/L	2.04	4/17/2012	12:30	4/19/2012	4/19/2012	16:55	WG	1	980	2	NA	SW8270D	NALT0614				
NAL12053F-001	RMB-LIQ-03	ORG	88-06-2	2,4,6-Trichlorophenol		U	ug/L	10.20	4/17/2012	12:30	4/19/2012	4/19/2012	16:55	WG	1	980	2	NA	SW8270D	NALT0614				
NAL12053F-001	RMB-LIQ-03	ORG	95-95-4	2,4,5-Trichlorophenol		U	ug/L	10.20	4/17/2012	12:30	4/19/2012	4/19/2012	16:55	WG	1	980	2	NA	SW8270D	NALT0614				
NAL12053F-001	RMB-LIQ-03	ORG	91-58-7	2-Chloronaphthalene		U	ug/L	2.04	4/17/2012	12:30	4/19/2012	4/19/2012	16:55	WG	1	980	2	NA	SW8270D	NALT0614				
NAL12053F-001	RMB-LIQ-03	ORG	88-74-4	2-Nitroaniline		U	ug/L	4.08	4/17/2012	12:30	4/19/2012	4/19/2012	16:55	WG	1	980	2	NA	SW8270D	NALT0614				
NAL12053F-001	RMB-LIQ-03	ORG	131-11-3	Dimethylphthalate		U	ug/L	2.04	4/17/2012	12:30	4/19/2012	4/19/2012	16:55	WG	1	980	2	NA	SW8270D	NALT0614				
NAL12053F-001	RMB-LIQ-03	ORG	208-96-8	Acenaphthylene		U	ug/L	2.04	4/17/2012	12:30	4/19/2012	4/19/2012	16:55	WG	1	980	2	NA	SW8270D	NALT0614				
NAL12053F-001	RMB-LIQ-03	ORG	606-20-2	2,6-Dinitrotoluene		U	ug/L	2.04	4/17/2012	12:30	4/19/2012	4/19/2012	16:55	WG	1	980	2	NA	SW8270D	NALT0614				
NAL12053F-001	RMB-LIQ-03	ORG	83-32-9	Acenaphthene		U	ug/L	2.04	4/17/2012	12:30	4/19/2012	4/19/2012	16:55	WG	1	980	2	NA	SW8270D	NALT0614				
NAL12053F-001	RMB-LIQ-03	ORG	99-09-2	3-Nitroaniline		U	ug/L	4.08	4/17/2012	12:30	4/19/2012	4/19/2012	16:55	WG	1	980	2	NA	SW8270D	NALT0614				
NAL12053F-001	RMB-LIQ-03	ORG	132-64-9	Dibenzofuran		U	ug/L	4.08	4/17/2012	12:30	4/19/2012	4/19/2012	16:55	WG	1	980	2	NA	SW8270D	NALT0614				
NAL12053F-001	RMB-LIQ-03	ORG	51-28-5	2,4-Dinitrophenol		U	ug/L	10.20	4/17/2012	12:30	4/19/2012	4/19/2012	16:55	WG	1	980	2	NA	SW8270D	NALT0614				
NAL12053F-001	RMB-LIQ-03	ORG	121-14-2	2,4-Dinitrotoluene		U	ug/L	2.04	4/17/2012	12:30	4/19/2012	4/19/2012	16:55	WG	1	980	2	NA	SW8270D	NALT0614				
NAL12053F-001	RMB-LIQ-03	ORG	58-90-2	Tetrachlorophenol		U	ug/L	10.20	4/17/2012	12:30	4/19/2012	4/19/2012	16:55	WG	1	980	2	NA	SW8270D	NALT0614				
NAL12053F-001	RMB-LIQ-03	ORG	100-02-7	4-Nitrophenol		U	ug/L	10.20	4/17/2012	12:30	4/19/2012	4/19/2012	16:55	WG	1	980	2	NA	SW8270D	NALT0614				
NAL12053F-001	RMB-LIQ-03	ORG	84-66-2	Diethylphthalate		U	ug/L	2.04	4/17/2012	12:30	4/19/2012	4/19/2012	16:55	WG	1	980	2	NA	SW8270D	NALT0614				
NAL12053F-001	RMB-LIQ-03	ORG	86-73-7	Fluorene		U	ug/L	2.04	4/17/2012	12:30	4/19/2012	4/19/2012	16:55	WG	1	980	2	NA	SW8270D	NALT0614				
NAL12053F-001	RMB-LIQ-03	ORG	7005-72-3	4-Chlorophenyl phenyl ether		U	ug/L	2.04	4/17/2012	12:30	4/19/2012	4/19/2012	16:55	WG	1	980	2	NA	SW8270D	NALT0614				
NAL12053F-001	RMB-LIQ-03	ORG	534-52-1	4,6-Dinitro-2-methylphenol		U	ug/L	10.20	4/17/2012	12:30	4/19/2012	4/19/2012	16:55	WG	1	980	2	NA	SW8270D	NALT0614				

5-16-12

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FINAL ANALYTICAL REPORT

Oncida Total Integrated Enterprises
100 W. Monroe, Ste 300
Chicago, IL 60603
ATTN: Raghu Nagam

Project #: NAL12-053F
Project Site: Mansfield, Ohio

Analytical results meet the requirements of NELAC Standards
* = NAL is not certified for this compound by NELAC.
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Lab ID:	Sample ID:		CAS #	ANALYTES	Results	QC	Units	RDL	Sample Date	Sample Time	Prep. Date	Analysis Date	Analysis Time	Matrix	Dil.	Vol (ml)	Final	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
NAL12053F-001	RMB-LIQ-03	ORG	100-01-6	4-Nitroaniline		U	ug/L	4.08	4/17/2012	12:30	4/19/2012	4/19/2012	16:55	WG	1	980	2	NA	SW8270D	NALT0614				
NAL12053F-001	RMB-LIQ-03	ORG	86-30-6	N-Nitrosodiphenylamine		U	ug/L	2.04	4/17/2012	12:30	4/19/2012	4/19/2012	16:55	WG	1	980	2	NA	SW8270D	NALT0614				
NAL12053F-001	RMB-LIQ-03	ORG	101-55-3	4-Bromophenyl phenyl ether		U	ug/L	2.04	4/17/2012	12:30	4/19/2012	4/19/2012	16:55	WG	1	980	2	NA	SW8270D	NALT0614				
NAL12053F-001	RMB-LIQ-03	ORG	118-74-1	Hexachlorobenzene		U	ug/L	2.04	4/17/2012	12:30	4/19/2012	4/19/2012	16:55	WG	1	980	2	NA	SW8270D	NALT0614				
NAL12053F-001	RMB-LIQ-03	ORG	87-86-5	Pentachlorophenol		U	ug/L	10.20	4/17/2012	12:30	4/19/2012	4/19/2012	16:55	WG	1	980	2	NA	SW8270D	NALT0614				
NAL12053F-001	RMB-LIQ-03	ORG	85-01-8	Phenanthrene		U	ug/L	2.04	4/17/2012	12:30	4/19/2012	4/19/2012	16:55	WG	1	980	2	NA	SW8270D	NALT0614				
NAL12053F-001	RMB-LIQ-03	ORG	120-12-7	Anthracene		U	ug/L	2.04	4/17/2012	12:30	4/19/2012	4/19/2012	16:55	WG	1	980	2	NA	SW8270D	NALT0614				
NAL12053F-001	RMB-LIQ-03	ORG	86-74-8	Carbazole		U	ug/L	4.08	4/17/2012	12:30	4/19/2012	4/19/2012	16:55	WG	1	980	2	NA	SW8270D	NALT0614				
NAL12053F-001	RMB-LIQ-03	ORG	84-74-2	Di-n-butyl phthalate		U	ug/L	2.04	4/17/2012	12:30	4/19/2012	4/19/2012	16:55	WG	1	980	2	NA	SW8270D	NALT0614				
NAL12053F-001	RMB-LIQ-03	ORG	206-44-0	Fluoranthene		U	ug/L	2.04	4/17/2012	12:30	4/19/2012	4/19/2012	16:55	WG	1	980	2	NA	SW8270D	NALT0614				
NAL12053F-001	RMB-LIQ-03	ORG	129-00-0	Pyrene		U	ug/L	2.04	4/17/2012	12:30	4/19/2012	4/19/2012	16:55	WG	1	980	2	NA	SW8270D	NALT0614				
NAL12053F-001	RMB-LIQ-03	ORG	85-68-7	Butylbenzyl phthalate		U	ug/L	2.04	4/17/2012	12:30	4/19/2012	4/19/2012	16:55	WG	1	980	2	NA	SW8270D	NALT0614				
NAL12053F-001	RMB-LIQ-03	ORG	56-55-3	Benzo (a) anthracene		U	ug/L	2.04	4/17/2012	12:30	4/19/2012	4/19/2012	16:55	WG	1	980	2	NA	SW8270D	NALT0614				
NAL12053F-001	RMB-LIQ-03	ORG	218-01-9	Chrysene		U	ug/L	2.04	4/17/2012	12:30	4/19/2012	4/19/2012	16:55	WG	1	980	2	NA	SW8270D	NALT0614				
NAL12053F-001	RMB-LIQ-03	ORG	117-81-7	Bis(2-Ethylhexyl) phthalate		U	ug/L	2.04	4/17/2012	12:30	4/19/2012	4/19/2012	16:55	WG	1	980	2	NA	SW8270D	NALT0614				
NAL12053F-001	RMB-LIQ-03	ORG	117-84-0	Di-N-octylphthalate		U	ug/L	2.04	4/17/2012	12:30	4/19/2012	4/19/2012	16:55	WG	1	980	2	NA	SW8270D	NALT0614				
NAL12053F-001	RMB-LIQ-03	ORG	205-99-2	Benzo (b) fluoranthene		U	ug/L	2.04	4/17/2012	12:30	4/19/2012	4/19/2012	16:55	WG	1	980	2	NA	SW8270D	NALT0614				
NAL12053F-001	RMB-LIQ-03	ORG	207-08-9	Benzo (k) fluoranthene		U	ug/L	2.04	4/17/2012	12:30	4/19/2012	4/19/2012	16:55	WG	1	980	2	NA	SW8270D	NALT0614				
NAL12053F-001	RMB-LIQ-03	ORG	50-32-8	Benzo (a) pyrene		U	ug/L	2.04	4/17/2012	12:30	4/19/2012	4/19/2012	16:55	WG	1	980	2	NA	SW8270D	NALT0614				
NAL12053F-001	RMB-LIQ-03	ORG	193-39-5	Indeno (1,2,3-cd) pyrene		U	ug/L	2.04	4/17/2012	12:30	4/19/2012	4/19/2012	16:55	WG	1	980	2	NA	SW8270D	NALT0614				
NAL12053F-001	RMB-LIQ-03	ORG	53-70-3	Dibenzo (a,h) anthracene		U	ug/L	2.04	4/17/2012	12:30	4/19/2012	4/19/2012	16:55	WG	1	980	2	NA	SW8270D	NALT0614				
NAL12053F-001	RMB-LIQ-03	ORG	191-24-2	Benzo (g,h,i) perylene		U	ug/L	2.04	4/17/2012	12:30	4/19/2012	4/19/2012	16:55	WG	1	980	2	NA	SW8270D	NALT0614				
NAL12053F-001	RMB-LIQ-03	STD	367-12-4	2-Flourophenol	3.2		ng		4/17/2012	12:30	4/19/2012	4/19/2012	16:55	WG	1	980	2	NA	SW8270D	NALT0614	20	16%		
NAL12053F-001	RMB-LIQ-03	STD	13127-88-3	Phenol-d6	1.7		ng		4/17/2012	12:30	4/19/2012	4/19/2012	16:55	WG	1	980	2	NA	SW8270D	NALT0614	20	9%		
NAL12053F-001	RMB-LIQ-03	STD	4165-60-0	Nitrobenzene-d5	3.5		ng		4/17/2012	12:30	4/19/2012	4/19/2012	16:55	WG	1	980	2	NA	SW8270D	NALT0614	10	35%		
NAL12053F-001	RMB-LIQ-03	STD	321-60-8	2-Fluorobiphenyl	3.8		ng		4/17/2012	12:30	4/19/2012	4/19/2012	16:55	WG	1	980	2	NA	SW8270D	NALT0614	10	38%		
NAL12053F-001	RMB-LIQ-03	STD	118-79-6	2,4,6-Tribromophenol	8.3		ng		4/17/2012	12:30	4/19/2012	4/19/2012	16:55	WG	1	980	2	NA	SW8270D	NALT0614	20	42%		
NAL12053F-001	RMB-LIQ-03	STD	1718-51-0	p-Terphenyl-d14	6.7		ng		4/17/2012	12:30	4/19/2012	4/19/2012	16:55	WG	1	980	2	NA	SW8270D	NALT0614	20	34%		

Rejected

5-16-12

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FINAL ANALYTICAL REPORT

Oneida Total Integrated Enterprises
100 W. Monroe, Ste 300
Chicago, IL 60603
ATTN: Raghu Nagam

Project #: NAL12-053F
Project Site: Mansfield, Ohio

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NAL12053F-011	RMB-LIQ-02	ORG	62-75-9	N-nitroso-dimethylamine	R	U	ug/L	3030.30	4/17/2012	12:00	4/20/2012	4/20/2012	10:34	WG	50	990	60	NA	SW8270D	NALT0624				
NAL12053F-011	RMB-LIQ-02	ORG	110-86-1	Pyridine		U	ug/L	6060.61	4/17/2012	12:00	4/20/2012	4/20/2012	10:34	WG	50	990	60	NA	SW8270D	NALT0624				
NAL12053F-011	RMB-LIQ-02	ORG	62-53-3	Aniline		U	ug/L	6060.61	4/17/2012	12:00	4/20/2012	4/20/2012	10:34	WG	50	990	60	NA	SW8270D	NALT0624				
NAL12053F-011	RMB-LIQ-02	ORG	108-95-2	Phenol		U	ug/L	15151.52	4/17/2012	12:00	4/20/2012	4/20/2012	10:34	WG	50	990	60	NA	SW8270D	NALT0624				
NAL12053F-011	RMB-LIQ-02	ORG	111-44-4	Bis(2-chloroethyl)ether		U	ug/L	3030.30	4/17/2012	12:00	4/20/2012	4/20/2012	10:34	WG	50	990	60	NA	SW8270D	NALT0624				
NAL12053F-011	RMB-LIQ-02	ORG	95-57-8	2-Chlorophenol		U	ug/L	15151.52	4/17/2012	12:00	4/20/2012	4/20/2012	10:34	WG	50	990	60	NA	SW8270D	NALT0624				
NAL12053F-011	RMB-LIQ-02	ORG	541-73-1	1,3-Dichlorobenzene		U	ug/L	3030.30	4/17/2012	12:00	4/20/2012	4/20/2012	10:34	WG	50	990	60	NA	SW8270D	NALT0624				
NAL12053F-011	RMB-LIQ-02	ORG	106-46-7	1,4-Dichlorobenzene		U	ug/L	3030.30	4/17/2012	12:00	4/20/2012	4/20/2012	10:34	WG	50	990	60	NA	SW8270D	NALT0624				
NAL12053F-011	RMB-LIQ-02	ORG	95-50-1	1,2-Dichlorobenzene		U	ug/L	3030.30	4/17/2012	12:00	4/20/2012	4/20/2012	10:34	WG	50	990	60	NA	SW8270D	NALT0624				
NAL12053F-011	RMB-LIQ-02	ORG	108-60-1	Bis(2-Chloroisopropyl)ether		U	ug/L	3030.30	4/17/2012	12:00	4/20/2012	4/20/2012	10:34	WG	50	990	60	NA	SW8270D	NALT0624				
NAL12053F-011	RMB-LIQ-02	ORG	100-51-6	Benzyl Alcohol		U	ug/L	6060.61	4/17/2012	12:00	4/20/2012	4/20/2012	10:34	WG	50	990	60	NA	SW8270D	NALT0624				
NAL12053F-011	RMB-LIQ-02	ORG	95-48-7	2-Methylphenol		U	ug/L	15151.52	4/17/2012	12:00	4/20/2012	4/20/2012	10:34	WG	50	990	60	NA	SW8270D	NALT0624				
NAL12053F-011	RMB-LIQ-02	ORG	67-72-1	Hexachloroethane		U	ug/L	3030.30	4/17/2012	12:00	4/20/2012	4/20/2012	10:34	WG	50	990	60	NA	SW8270D	NALT0624				
NAL12053F-011	RMB-LIQ-02	ORG	621-64-7	N-nitroso-di-N-propylamine		U	ug/L	3030.30	4/17/2012	12:00	4/20/2012	4/20/2012	10:34	WG	50	990	60	NA	SW8270D	NALT0624				
NAL12053F-011	RMB-LIQ-02	ORG	106-44-5	4-Methylphenol		U	ug/L	15151.52	4/17/2012	12:00	4/20/2012	4/20/2012	10:34	WG	50	990	60	NA	SW8270D	NALT0624				
NAL12053F-011	RMB-LIQ-02	ORG	98-95-3	Nitrobenzene		U	ug/L	3030.30	4/17/2012	12:00	4/20/2012	4/20/2012	10:34	WG	50	990	60	NA	SW8270D	NALT0624				
NAL12053F-011	RMB-LIQ-02	ORG	78-59-1	Isophorone		U	ug/L	3030.30	4/17/2012	12:00	4/20/2012	4/20/2012	10:34	WG	50	990	60	NA	SW8270D	NALT0624				
NAL12053F-011	RMB-LIQ-02	ORG	88-75-5	2-Nitrophenol		U	ug/L	15151.52	4/17/2012	12:00	4/20/2012	4/20/2012	10:34	WG	50	990	60	NA	SW8270D	NALT0624				
NAL12053F-011	RMB-LIQ-02	ORG	105-67-9	2,4-Dimethylphenol		U	ug/L	15151.52	4/17/2012	12:00	4/20/2012	4/20/2012	10:34	WG	50	990	60	NA	SW8270D	NALT0624				
NAL12053F-011	RMB-LIQ-02	ORG	111-91-1	Bis(2-Chloroethoxy)methane		U	ug/L	3030.30	4/17/2012	12:00	4/20/2012	4/20/2012	10:34	WG	50	990	60	NA	SW8270D	NALT0624				
NAL12053F-011	RMB-LIQ-02	ORG	120-83-2	2,4-Dichlorophenol		U	ug/L	15151.52	4/17/2012	12:00	4/20/2012	4/20/2012	10:34	WG	50	990	60	NA	SW8270D	NALT0624				
NAL12053F-011	RMB-LIQ-02	ORG	120-82-1	1,2,4-Trichlorobenzene		U	ug/L	3030.30	4/17/2012	12:00	4/20/2012	4/20/2012	10:34	WG	50	990	60	NA	SW8270D	NALT0624				
NAL12053F-011	RMB-LIQ-02	ORG	91-20-3	Naphthalene		U	ug/L	3030.30	4/17/2012	12:00	4/20/2012	4/20/2012	10:34	WG	50	990	60	NA	SW8270D	NALT0624				
NAL12053F-011	RMB-LIQ-02	ORG	65-85-0	Benzoic Acid		U	ug/L	15151.52	4/17/2012	12:00	4/20/2012	4/20/2012	10:34	WG	50	990	60	NA	SW8270D	NALT0624				
NAL12053F-011	RMB-LIQ-02	ORG	87-65-0	2,6-Dichlorophenol		U	ug/L	15151.52	4/17/2012	12:00	4/20/2012	4/20/2012	10:34	WG	50	990	60	NA	SW8270D	NALT0624				
NAL12053F-011	RMB-LIQ-02	ORG	106-47-8	4-Chloroaniline		U	ug/L	6060.61	4/17/2012	12:00	4/20/2012	4/20/2012	10:34	WG	50	990	60	NA	SW8270D	NALT0624				
NAL12053F-011	RMB-LIQ-02	ORG	87-68-3	Hexachlorobutadiene		U	ug/L	3030.30	4/17/2012	12:00	4/20/2012	4/20/2012	10:34	WG	50	990	60	NA	SW8270D	NALT0624				
NAL12053F-011	RMB-LIQ-02	ORG	91-57-6	2-Methylnaphthalene		U	ug/L	6060.61	4/17/2012	12:00	4/20/2012	4/20/2012	10:34	WG	50	990	60	NA	SW8270D	NALT0624				
NAL12053F-011	RMB-LIQ-02	ORG	59-50-7	4-Chloro-3-methylphenol		U	ug/L	15151.52	4/17/2012	12:00	4/20/2012	4/20/2012	10:34	WG	50	990	60	NA	SW8270D	NALT0624				
NAL12053F-011	RMB-LIQ-02	ORG	77-47-4	Hexachlorocyclopentadiene		U	ug/L	3030.30	4/17/2012	12:00	4/20/2012	4/20/2012	10:34	WG	50	990	60	NA	SW8270D	NALT0624				
NAL12053F-011	RMB-LIQ-02	ORG	88-06-2	2,4,6-Trichlorophenol		U	ug/L	15151.52	4/17/2012	12:00	4/20/2012	4/20/2012	10:34	WG	50	990	60	NA	SW8270D	NALT0624				
NAL12053F-011	RMB-LIQ-02	ORG	95-95-4	2,4,5-Trichlorophenol		U	ug/L	15151.52	4/17/2012	12:00	4/20/2012	4/20/2012	10:34	WG	50	990	60	NA	SW8270D	NALT0624				
NAL12053F-011	RMB-LIQ-02	ORG	91-58-7	2-Chloronaphthalene		U	ug/L	3030.30	4/17/2012	12:00	4/20/2012	4/20/2012	10:34	WG	50	990	60	NA	SW8270D	NALT0624				
NAL12053F-011	RMB-LIQ-02	ORG	88-74-4	2-Nitroaniline		U	ug/L	6060.61	4/17/2012	12:00	4/20/2012	4/20/2012	10:34	WG	50	990	60	NA	SW8270D	NALT0624				
NAL12053F-011	RMB-LIQ-02	ORG	131-11-3	Dimethylphthalate		U	ug/L	3030.30	4/17/2012	12:00	4/20/2012	4/20/2012	10:34	WG	50	990	60	NA	SW8270D	NALT0624				
NAL12053F-011	RMB-LIQ-02	ORG	208-96-8	Acenaphthylene		U	ug/L	3030.30	4/17/2012	12:00	4/20/2012	4/20/2012	10:34	WG	50	990	60	NA	SW8270D	NALT0624				
NAL12053F-011	RMB-LIQ-02	ORG	606-20-2	2,6-Dinitrotoluene		U	ug/L	3030.30	4/17/2012	12:00	4/20/2012	4/20/2012	10:34	WG	50	990	60	NA	SW8270D	NALT0624				
NAL12053F-011	RMB-LIQ-02	ORG	83-32-9	Acenaphthene		U	ug/L	3030.30	4/17/2012	12:00	4/20/2012	4/20/2012	10:34	WG	50	990	60	NA	SW8270D	NALT0624				
NAL12053F-011	RMB-LIQ-02	ORG	99-09-2	3-Nitroaniline		U	ug/L	6060.61	4/17/2012	12:00	4/20/2012	4/20/2012	10:34	WG	50	990	60	NA	SW8270D	NALT0624				
NAL12053F-011	RMB-LIQ-02	ORG	132-64-9	Dibenzofuran		U	ug/L	6060.61	4/17/2012	12:00	4/20/2012	4/20/2012	10:34	WG	50	990	60	NA	SW8270D	NALT0624				
NAL12053F-011	RMB-LIQ-02	ORG	51-28-5	2,4-Dinitrophenol		U	ug/L	15151.52	4/17/2012	12:00	4/20/2012	4/20/2012	10:34	WG	50	990	60	NA	SW8270D	NALT0624				
NAL12053F-011	RMB-LIQ-02	ORG	121-14-2	2,4-Dinitrotoluene		U	ug/L	3030.30	4/17/2012	12:00	4/20/2012	4/20/2012	10:34	WG	50	990	60	NA	SW8270D	NALT0624				
NAL12053F-011	RMB-LIQ-02	ORG	58-90-2	Tetrachlorophenol		U	ug/L	15151.52	4/17/2012	12:00	4/20/2012	4/20/2012	10:34	WG	50	990	60	NA	SW8270D	NALT0624				
NAL12053F-011	RMB-LIQ-02	ORG	100-02-7	4-Nitrophenol		U	ug/L	15151.52	4/17/2012	12:00	4/20/2012	4/20/2012	10:34	WG	50	990	60	NA	SW8270D	NALT0624				
NAL12053F-011	RMB-LIQ-02	ORG	84-66-2	Diethylphthalate		U	ug/L	3030.30	4/17/2012	12:00	4/20/2012	4/20/2012	10:34	WG	50	990	60	NA	SW8270D	NALT0624				
NAL12053F-011	RMB-LIQ-02	ORG	86-73-7	Fluorene		U	ug/L	3030.30	4/17/2012	12:00	4/20/2012	4/20/2012	10:34	WG	50	990	60	NA	SW8270D	NALT0624				
NAL12053F-011	RMB-LIQ-02	ORG	7005-72-3	4-Chlorophenyl phenyl ether		U	ug/L	3030.30	4/17/2012	12:00	4/20/2012	4/20/2012	10:34	WG	50	990	60	NA	SW8270D	NALT0624				
NAL12053F-011	RMB-LIQ-02	ORG	534-52-1	4,6-Dinitro-2-methylphenol		U	ug/L	15151.52	4/17/2012	12:00	4/20/2012	4/20/2012	10:34	WG	50	990	60	NA	SW8270D	NALT0624				

5-16-12

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FINAL ANALYTICAL REPORT

Oneida Total Integrated Enterprises
100 W. Monroe, Ste 300
Chicago, IL 60603
ATTN: Raghu Nagam

Project #: NAL12-053F
Project Site: Mansfield, Ohio

Analytical results meet the requirements of NELAC Standards
* = NAL is not certified for this compound by NELAC.
B = Analyte is found in the associated blank as well as in the sample.
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R = Data unusable due to deficiencies in the ability to analyze the sample and meet QC criteria.
F = Estimated value, compound meets the identification criteria but the result is less than the limit of quantitation but greater than the MDL.
U = Non-detect M = Reporting limit elevated due to matrix interference.

Lab ID:	Sample ID:		CAS #	ANALYTES	Results	QC	Units	RDL	Sample Date	Sample Time	Prep. Date	Analysis Date	Analysis Time	Matrix	Dil.	Vol (ml)	Final	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
NAL12053F-011	RMB-LIQ-02	ORG	100-01-6	4-Nitroaniline		U	ug/L	6060.61	4/17/2012	12:00	4/20/2012	4/20/2012	10:34	WG	50	990	60	NA	SW8270D	NALT0624				
NAL12053F-011	RMB-LIQ-02	ORG	86-30-6	N-Nitrosodiphenylamine		U	ug/L	3030.30	4/17/2012	12:00	4/20/2012	4/20/2012	10:34	WG	50	990	60	NA	SW8270D	NALT0624				
NAL12053F-011	RMB-LIQ-02	ORG	101-55-3	4-Bromophenyl phenyl ether		U	ug/L	3030.30	4/17/2012	12:00	4/20/2012	4/20/2012	10:34	WG	50	990	60	NA	SW8270D	NALT0624				
NAL12053F-011	RMB-LIQ-02	ORG	118-74-1	Hexachlorobenzene		U	ug/L	3030.30	4/17/2012	12:00	4/20/2012	4/20/2012	10:34	WG	50	990	60	NA	SW8270D	NALT0624				
NAL12053F-011	RMB-LIQ-02	ORG	87-86-5	Pentachlorophenol		U	ug/L	15151.52	4/17/2012	12:00	4/20/2012	4/20/2012	10:34	WG	50	990	60	NA	SW8270D	NALT0624				
NAL12053F-011	RMB-LIQ-02	ORG	85-01-8	Phenanthrene		U	ug/L	3030.30	4/17/2012	12:00	4/20/2012	4/20/2012	10:34	WG	50	990	60	NA	SW8270D	NALT0624				
NAL12053F-011	RMB-LIQ-02	ORG	120-12-7	Anthracene		U	ug/L	3030.30	4/17/2012	12:00	4/20/2012	4/20/2012	10:34	WG	50	990	60	NA	SW8270D	NALT0624				
NAL12053F-011	RMB-LIQ-02	ORG	86-74-8	Carbazole		U	ug/L	6060.61	4/17/2012	12:00	4/20/2012	4/20/2012	10:34	WG	50	990	60	NA	SW8270D	NALT0624				
NAL12053F-011	RMB-LIQ-02	ORG	84-74-2	Di-n-butyl phthalate		U	ug/L	3030.30	4/17/2012	12:00	4/20/2012	4/20/2012	10:34	WG	50	990	60	NA	SW8270D	NALT0624				
NAL12053F-011	RMB-LIQ-02	ORG	206-44-0	Fluoranthene		U	ug/L	3030.30	4/17/2012	12:00	4/20/2012	4/20/2012	10:34	WG	50	990	60	NA	SW8270D	NALT0624				
NAL12053F-011	RMB-LIQ-02	ORG	129-00-0	Pyrene		U	ug/L	3030.30	4/17/2012	12:00	4/20/2012	4/20/2012	10:34	WG	50	990	60	NA	SW8270D	NALT0624				
NAL12053F-011	RMB-LIQ-02	ORG	85-68-7	Butylbenzyl phthalate		U	ug/L	3030.30	4/17/2012	12:00	4/20/2012	4/20/2012	10:34	WG	50	990	60	NA	SW8270D	NALT0624				
NAL12053F-011	RMB-LIQ-02	ORG	56-55-3	Benzo (a) anthracene		U	ug/L	3030.30	4/17/2012	12:00	4/20/2012	4/20/2012	10:34	WG	50	990	60	NA	SW8270D	NALT0624				
NAL12053F-011	RMB-LIQ-02	ORG	218-01-9	Chrysene		U	ug/L	3030.30	4/17/2012	12:00	4/20/2012	4/20/2012	10:34	WG	50	990	60	NA	SW8270D	NALT0624				
NAL12053F-011	RMB-LIQ-02	ORG	117-81-7	Bis(2-Ethylhexyl) phthalate		U	ug/L	3030.30	4/17/2012	12:00	4/20/2012	4/20/2012	10:34	WG	50	990	60	NA	SW8270D	NALT0624				
NAL12053F-011	RMB-LIQ-02	ORG	117-84-0	Di-N-octylphthalate		U	ug/L	3030.30	4/17/2012	12:00	4/20/2012	4/20/2012	10:34	WG	50	990	60	NA	SW8270D	NALT0624				
NAL12053F-011	RMB-LIQ-02	ORG	205-99-2	Benzo (b) fluoranthene		U	ug/L	3030.30	4/17/2012	12:00	4/20/2012	4/20/2012	10:34	WG	50	990	60	NA	SW8270D	NALT0624				
NAL12053F-011	RMB-LIQ-02	ORG	207-08-9	Benzo (k) fluoranthene		U	ug/L	3030.30	4/17/2012	12:00	4/20/2012	4/20/2012	10:34	WG	50	990	60	NA	SW8270D	NALT0624				
NAL12053F-011	RMB-LIQ-02	ORG	50-32-8	Benzo (a) pyrene		U	ug/L	3030.30	4/17/2012	12:00	4/20/2012	4/20/2012	10:34	WG	50	990	60	NA	SW8270D	NALT0624				
NAL12053F-011	RMB-LIQ-02	ORG	193-39-5	Indeno (1,2,3-cd) pyrene		U	ug/L	3030.30	4/17/2012	12:00	4/20/2012	4/20/2012	10:34	WG	50	990	60	NA	SW8270D	NALT0624				
NAL12053F-011	RMB-LIQ-02	ORG	53-70-3	Dibenzo (a,h) anthracene		U	ug/L	3030.30	4/17/2012	12:00	4/20/2012	4/20/2012	10:34	WG	50	990	60	NA	SW8270D	NALT0624				
NAL12053F-011	RMB-LIQ-02	ORG	191-24-2	Benzo (g,h,i) perylene		U	ug/L	3030.30	4/17/2012	12:00	4/20/2012	4/20/2012	10:34	WG	50	990	60	NA	SW8270D	NALT0624				
NAL12053F-011	RMB-LIQ-02	STD	367-12-4	2-Flourophenol		X	ng		4/17/2012	12:00	4/20/2012	4/20/2012	10:34	WG	50	990	60	NA	SW8270D	NALT0624	20	0%		
NAL12053F-011	RMB-LIQ-02	STD	13127-88-3	Phenol-d6		X	ng		4/17/2012	12:00	4/20/2012	4/20/2012	10:34	WG	50	990	60	NA	SW8270D	NALT0624	20	0%		
NAL12053F-011	RMB-LIQ-02	STD	4165-60-0	Nitrobenzene-d5		X	ng		4/17/2012	12:00	4/20/2012	4/20/2012	10:34	WG	50	990	60	NA	SW8270D	NALT0624	10	0%		
NAL12053F-011	RMB-LIQ-02	STD	321-60-8	2-Fluorobiphenyl		X	ng		4/17/2012	12:00	4/20/2012	4/20/2012	10:34	WG	50	990	60	NA	SW8270D	NALT0624	10	0%		
NAL12053F-011	RMB-LIQ-02	STD	118-79-6	2,4,6-Tribromophenol		X	ng		4/17/2012	12:00	4/20/2012	4/20/2012	10:34	WG	50	990	60	NA	SW8270D	NALT0624	20	0%		
NAL12053F-011	RMB-LIQ-02	STD	1718-51-0	p-Terphenyl-d14		X	ng		4/17/2012	12:00	4/20/2012	4/20/2012	10:34	WG	50	990	60	NA	SW8270D	NALT0624	20	0%		

Rejected

5-16-12

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FINAL ANALYTICAL REPORT

Oneida Total Integrated Enterprises
100 W. Monroe, Ste 300
Chicago, IL 60603
ATTN: Raghu Nagam

Project #: NAL12-053F
Project Site: Mansfield, Ohio

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Lab ID:	Sample ID:		CAS #	ANALYTES	Results	QC	Units	RDL	Sample Date	Sample Time	Prep. Date	Analysis Date	Analysis Time	Matrix	Dil.	Vol (ml)	Final	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
NAL12053F-012	RMB-LIQ-04	ORG	62-75-9	N-nitroso-dimethylamine		U	ug/L	2.02	4/17/2012	13:00	4/19/2012	4/19/2012	17:23	WG	1	990	2	NA	SW8270D	NALT0615				
NAL12053F-012	RMB-LIQ-04	ORG	110-86-1	Pyridine		U	ug/L	4.04	4/17/2012	13:00	4/19/2012	4/19/2012	17:23	WG	1	990	2	NA	SW8270D	NALT0615				
NAL12053F-012	RMB-LIQ-04	ORG	62-53-3	Aniline		U	ug/L	4.04	4/17/2012	13:00	4/19/2012	4/19/2012	17:23	WG	1	990	2	NA	SW8270D	NALT0615				
NAL12053F-012	RMB-LIQ-04	ORG	108-95-2	Phenol		U	ug/L	10.10	4/17/2012	13:00	4/19/2012	4/19/2012	17:23	WG	1	990	2	NA	SW8270D	NALT0615				
NAL12053F-012	RMB-LIQ-04	ORG	111-44-4	Bis(2-chloroethyl)ether		U	ug/L	2.02	4/17/2012	13:00	4/19/2012	4/19/2012	17:23	WG	1	990	2	NA	SW8270D	NALT0615				
NAL12053F-012	RMB-LIQ-04	ORG	95-57-8	2-Chlorophenol		U	ug/L	10.10	4/17/2012	13:00	4/19/2012	4/19/2012	17:23	WG	1	990	2	NA	SW8270D	NALT0615				
NAL12053F-012	RMB-LIQ-04	ORG	541-73-1	1,3-Dichlorobenzene		U	ug/L	2.02	4/17/2012	13:00	4/19/2012	4/19/2012	17:23	WG	1	990	2	NA	SW8270D	NALT0615				
NAL12053F-012	RMB-LIQ-04	ORG	106-46-7	1,4-Dichlorobenzene		U	ug/L	2.02	4/17/2012	13:00	4/19/2012	4/19/2012	17:23	WG	1	990	2	NA	SW8270D	NALT0615				
NAL12053F-012	RMB-LIQ-04	ORG	95-50-1	1,2-Dichlorobenzene		U	ug/L	2.02	4/17/2012	13:00	4/19/2012	4/19/2012	17:23	WG	1	990	2	NA	SW8270D	NALT0615				
NAL12053F-012	RMB-LIQ-04	ORG	108-60-1	Bis(2-Chloroisopropyl)ether		U	ug/L	2.02	4/17/2012	13:00	4/19/2012	4/19/2012	17:23	WG	1	990	2	NA	SW8270D	NALT0615				
NAL12053F-012	RMB-LIQ-04	ORG	100-51-6	Benzyl Alcohol		U	ug/L	4.04	4/17/2012	13:00	4/19/2012	4/19/2012	17:23	WG	1	990	2	NA	SW8270D	NALT0615				
NAL12053F-012	RMB-LIQ-04	ORG	95-48-7	2-Methylphenol		U	ug/L	10.10	4/17/2012	13:00	4/19/2012	4/19/2012	17:23	WG	1	990	2	NA	SW8270D	NALT0615				
NAL12053F-012	RMB-LIQ-04	ORG	67-72-1	Hexachloroethane		U	ug/L	2.02	4/17/2012	13:00	4/19/2012	4/19/2012	17:23	WG	1	990	2	NA	SW8270D	NALT0615				
NAL12053F-012	RMB-LIQ-04	ORG	621-64-7	N-nitroso-di-N-propylamine		U	ug/L	2.02	4/17/2012	13:00	4/19/2012	4/19/2012	17:23	WG	1	990	2	NA	SW8270D	NALT0615				
NAL12053F-012	RMB-LIQ-04	ORG	106-44-5	4-Methyphenol		U	ug/L	10.10	4/17/2012	13:00	4/19/2012	4/19/2012	17:23	WG	1	990	2	NA	SW8270D	NALT0615				
NAL12053F-012	RMB-LIQ-04	ORG	98-95-3	Nitrobenzene		U	ug/L	2.02	4/17/2012	13:00	4/19/2012	4/19/2012	17:23	WG	1	990	2	NA	SW8270D	NALT0615				
NAL12053F-012	RMB-LIQ-04	ORG	78-59-1	Isophorone		U	ug/L	2.02	4/17/2012	13:00	4/19/2012	4/19/2012	17:23	WG	1	990	2	NA	SW8270D	NALT0615				
NAL12053F-012	RMB-LIQ-04	ORG	88-75-5	2-Nitrophenol		U	ug/L	10.10	4/17/2012	13:00	4/19/2012	4/19/2012	17:23	WG	1	990	2	NA	SW8270D	NALT0615				
NAL12053F-012	RMB-LIQ-04	ORG	105-67-9	2,4-Dimethyphenol		U	ug/L	10.10	4/17/2012	13:00	4/19/2012	4/19/2012	17:23	WG	1	990	2	NA	SW8270D	NALT0615				
NAL12053F-012	RMB-LIQ-04	ORG	111-91-1	Bis(2-Chloroethoxy)methane		U	ug/L	2.02	4/17/2012	13:00	4/19/2012	4/19/2012	17:23	WG	1	990	2	NA	SW8270D	NALT0615				
NAL12053F-012	RMB-LIQ-04	ORG	120-83-2	2,4-Dichlorophenol		U	ug/L	10.10	4/17/2012	13:00	4/19/2012	4/19/2012	17:23	WG	1	990	2	NA	SW8270D	NALT0615				
NAL12053F-012	RMB-LIQ-04	ORG	120-82-1	1,2,4-Trichlorobenzene		U	ug/L	2.02	4/17/2012	13:00	4/19/2012	4/19/2012	17:23	WG	1	990	2	NA	SW8270D	NALT0615				
NAL12053F-012	RMB-LIQ-04	ORG	91-20-3	Naphthalene		U	ug/L	2.02	4/17/2012	13:00	4/19/2012	4/19/2012	17:23	WG	1	990	2	NA	SW8270D	NALT0615				
NAL12053F-012	RMB-LIQ-04	ORG	65-85-0	Benzoic Acid		U	ug/L	10.10	4/17/2012	13:00	4/19/2012	4/19/2012	17:23	WG	1	990	2	NA	SW8270D	NALT0615				
NAL12053F-012	RMB-LIQ-04	ORG	87-65-0	2,6-Dichlorophenol		U	ug/L	10.10	4/17/2012	13:00	4/19/2012	4/19/2012	17:23	WG	1	990	2	NA	SW8270D	NALT0615				
NAL12053F-012	RMB-LIQ-04	ORG	106-47-8	4-Chloroaniline		U	ug/L	4.04	4/17/2012	13:00	4/19/2012	4/19/2012	17:23	WG	1	990	2	NA	SW8270D	NALT0615				
NAL12053F-012	RMB-LIQ-04	ORG	87-68-3	Hexachlorobutadiene		U	ug/L	2.02	4/17/2012	13:00	4/19/2012	4/19/2012	17:23	WG	1	990	2	NA	SW8270D	NALT0615				
NAL12053F-012	RMB-LIQ-04	ORG	91-57-6	2-Methylnaphthalene		U	ug/L	4.04	4/17/2012	13:00	4/19/2012	4/19/2012	17:23	WG	1	990	2	NA	SW8270D	NALT0615				
NAL12053F-012	RMB-LIQ-04	ORG	59-50-7	4-Chloro-3-methylphenol		U	ug/L	10.10	4/17/2012	13:00	4/19/2012	4/19/2012	17:23	WG	1	990	2	NA	SW8270D	NALT0615				
NAL12053F-012	RMB-LIQ-04	ORG	77-47-4	Hexachlorocyclopentadiene		U	ug/L	2.02	4/17/2012	13:00	4/19/2012	4/19/2012	17:23	WG	1	990	2	NA	SW8270D	NALT0615				
NAL12053F-012	RMB-LIQ-04	ORG	88-06-2	2,4,6-Trichlorophenol		U	ug/L	10.10	4/17/2012	13:00	4/19/2012	4/19/2012	17:23	WG	1	990	2	NA	SW8270D	NALT0615				
NAL12053F-012	RMB-LIQ-04	ORG	95-95-4	2,4,5-Trichlorophenol		U	ug/L	10.10	4/17/2012	13:00	4/19/2012	4/19/2012	17:23	WG	1	990	2	NA	SW8270D	NALT0615				
NAL12053F-012	RMB-LIQ-04	ORG	91-58-7	2-Chloronaphthalene		U	ug/L	2.02	4/17/2012	13:00	4/19/2012	4/19/2012	17:23	WG	1	990	2	NA	SW8270D	NALT0615				
NAL12053F-012	RMB-LIQ-04	ORG	88-74-4	2-Nitroaniline		U	ug/L	4.04	4/17/2012	13:00	4/19/2012	4/19/2012	17:23	WG	1	990	2	NA	SW8270D	NALT0615				
NAL12053F-012	RMB-LIQ-04	ORG	131-11-3	Dimethylphthalate		U	ug/L	2.02	4/17/2012	13:00	4/19/2012	4/19/2012	17:23	WG	1	990	2	NA	SW8270D	NALT0615				
NAL12053F-012	RMB-LIQ-04	ORG	208-96-8	Acenaphthylene		U	ug/L	2.02	4/17/2012	13:00	4/19/2012	4/19/2012	17:23	WG	1	990	2	NA	SW8270D	NALT0615				
NAL12053F-012	RMB-LIQ-04	ORG	606-20-2	2,6-Dinitrotoluene		U	ug/L	2.02	4/17/2012	13:00	4/19/2012	4/19/2012	17:23	WG	1	990	2	NA	SW8270D	NALT0615				
NAL12053F-012	RMB-LIQ-04	ORG	83-32-9	Acenaphthene		U	ug/L	2.02	4/17/2012	13:00	4/19/2012	4/19/2012	17:23	WG	1	990	2	NA	SW8270D	NALT0615				
NAL12053F-012	RMB-LIQ-04	ORG	99-09-2	3-Nitroaniline		U	ug/L	4.04	4/17/2012	13:00	4/19/2012	4/19/2012	17:23	WG	1	990	2	NA	SW8270D	NALT0615				
NAL12053F-012	RMB-LIQ-04	ORG	132-64-9	Dibenzofuran		U	ug/L	4.04	4/17/2012	13:00	4/19/2012	4/19/2012	17:23	WG	1	990	2	NA	SW8270D	NALT0615				
NAL12053F-012	RMB-LIQ-04	ORG	51-28-5	2,4-Dinitrophenol		U	ug/L	10.10	4/17/2012	13:00	4/19/2012	4/19/2012	17:23	WG	1	990	2	NA	SW8270D	NALT0615				
NAL12053F-012	RMB-LIQ-04	ORG	121-14-2	2,4-Dinitrotoluene		U	ug/L	2.02	4/17/2012	13:00	4/19/2012	4/19/2012	17:23	WG	1	990	2	NA	SW8270D	NALT0615				
NAL12053F-012	RMB-LIQ-04	ORG	58-90-2	Tetrachlorophenol		U	ug/L	10.10	4/17/2012	13:00	4/19/2012	4/19/2012	17:23	WG	1	990	2	NA	SW8270D	NALT0615				
NAL12053F-012	RMB-LIQ-04	ORG	100-02-7	4-Nitrophenol		U	ug/L	10.10	4/17/2012	13:00	4/19/2012	4/19/2012	17:23	WG	1	990	2	NA	SW8270D	NALT0615				
NAL12053F-012	RMB-LIQ-04	ORG	84-66-2	Diethylphthalate		U	ug/L	2.02	4/17/2012	13:00	4/19/2012	4/19/2012	17:23	WG	1	990	2	NA	SW8270D	NALT0615				
NAL12053F-012	RMB-LIQ-04	ORG	86-73-7	Fluorene		U	ug/L	2.02	4/17/2012	13:00	4/19/2012	4/19/2012	17:23	WG	1	990	2	NA	SW8270D	NALT0615				
NAL12053F-012	RMB-LIQ-04	ORG	7005-72-3	4-Chlorophenyl phenyl ether		U	ug/L	2.02	4/17/2012	13:00	4/19/2012	4/19/2012	17:23	WG	1	990	2	NA	SW8270D	NALT0615				
NAL12053F-012	RMB-LIQ-04	ORG	534-52-1	4,6-Dinitro-2-methylphenol		U	ug/L	10.10	4/17/2012	13:00	4/19/2012	4/19/2012	17:23	WG	1	990	2	NA	SW8270D	NALT0615				

5-16-12

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FINAL ANALYTICAL REPORT

Oneida Total Integrated Enterprises
100 W. Monroe, Ste 300
Chicago, IL 60603
ATTN: Raghu Nagam

Project #: NAL12-053F
Project Site: Mansfield, Ohio

Analytical results meet the requirements of NELAC Standards
* = NAL is not certified for this compound by NELAC.
B = Analyte is found in the associated blank as well as in the sample.
D = Compound identified in an analysis at a secondary dilution factor.
E = Compound's concentration exceeds the calibration range of the instrument at this dilution.
R = Data unusable due to deficiencies in the ability to analyze the sample and meet QC criteria.
F = Estimated value, compound meets the identification criteria but the result is less than the limit of quantitation but greater than the MDL.
U = Non-detect M = Reporting limit elevated due to matrix interference.

Lab ID:	Sample ID:		CAS #	ANALYTES	Results	QC	Units	RDL	Sample Date	Sample Time	Prep. Date	Analysis Date	Analysis Time	Matrix	Dil.	Vol (ml)	Final	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
NAL12053F-012	RMB-LIQ-04	ORG	100-01-6	4-Nitroaniline		U	ug/L	4.04	4/17/2012	13:00	4/19/2012	4/19/2012	17:23	WG	1	990	2	NA	SW8270D	NALT0615				
NAL12053F-012	RMB-LIQ-04	ORG	86-30-6	N-Nitrosodiphenylamine		U	ug/L	2.02	4/17/2012	13:00	4/19/2012	4/19/2012	17:23	WG	1	990	2	NA	SW8270D	NALT0615				
NAL12053F-012	RMB-LIQ-04	ORG	101-55-3	4-Bromophenyl phenyl ether		U	ug/L	2.02	4/17/2012	13:00	4/19/2012	4/19/2012	17:23	WG	1	990	2	NA	SW8270D	NALT0615				
NAL12053F-012	RMB-LIQ-04	ORG	118-74-1	Hexachlorobenzene		U	ug/L	2.02	4/17/2012	13:00	4/19/2012	4/19/2012	17:23	WG	1	990	2	NA	SW8270D	NALT0615				
NAL12053F-012	RMB-LIQ-04	ORG	87-86-5	Pentachlorophenol		U	ug/L	10.10	4/17/2012	13:00	4/19/2012	4/19/2012	17:23	WG	1	990	2	NA	SW8270D	NALT0615				
NAL12053F-012	RMB-LIQ-04	ORG	85-01-8	Phenanthrene		U	ug/L	2.02	4/17/2012	13:00	4/19/2012	4/19/2012	17:23	WG	1	990	2	NA	SW8270D	NALT0615				
NAL12053F-012	RMB-LIQ-04	ORG	120-12-7	Anthracene		U	ug/L	2.02	4/17/2012	13:00	4/19/2012	4/19/2012	17:23	WG	1	990	2	NA	SW8270D	NALT0615				
NAL12053F-012	RMB-LIQ-04	ORG	86-74-8	Carbazole		U	ug/L	4.04	4/17/2012	13:00	4/19/2012	4/19/2012	17:23	WG	1	990	2	NA	SW8270D	NALT0615				
NAL12053F-012	RMB-LIQ-04	ORG	84-74-2	Di-n-butyl phthalate		U	ug/L	2.02	4/17/2012	13:00	4/19/2012	4/19/2012	17:23	WG	1	990	2	NA	SW8270D	NALT0615				
NAL12053F-012	RMB-LIQ-04	ORG	206-44-0	Fluoranthene		U	ug/L	2.02	4/17/2012	13:00	4/19/2012	4/19/2012	17:23	WG	1	990	2	NA	SW8270D	NALT0615				
NAL12053F-012	RMB-LIQ-04	ORG	129-00-0	Pyrene		U	ug/L	2.02	4/17/2012	13:00	4/19/2012	4/19/2012	17:23	WG	1	990	2	NA	SW8270D	NALT0615				
NAL12053F-012	RMB-LIQ-04	ORG	85-68-7	Butylbenzyl phthalate		U	ug/L	2.02	4/17/2012	13:00	4/19/2012	4/19/2012	17:23	WG	1	990	2	NA	SW8270D	NALT0615				
NAL12053F-012	RMB-LIQ-04	ORG	56-55-3	Benzo (a) anthracene		U	ug/L	2.02	4/17/2012	13:00	4/19/2012	4/19/2012	17:23	WG	1	990	2	NA	SW8270D	NALT0615				
NAL12053F-012	RMB-LIQ-04	ORG	218-01-9	Chrysene		U	ug/L	2.02	4/17/2012	13:00	4/19/2012	4/19/2012	17:23	WG	1	990	2	NA	SW8270D	NALT0615				
NAL12053F-012	RMB-LIQ-04	ORG	117-81-7	Bis(2-Ethylhexyl) phthalate		U	ug/L	2.02	4/17/2012	13:00	4/19/2012	4/19/2012	17:23	WG	1	990	2	NA	SW8270D	NALT0615				
NAL12053F-012	RMB-LIQ-04	ORG	117-84-0	Di-N-octylphthalate		U	ug/L	2.02	4/17/2012	13:00	4/19/2012	4/19/2012	17:23	WG	1	990	2	NA	SW8270D	NALT0615				
NAL12053F-012	RMB-LIQ-04	ORG	205-99-2	Benzo (b) fluoranthene		U	ug/L	2.02	4/17/2012	13:00	4/19/2012	4/19/2012	17:23	WG	1	990	2	NA	SW8270D	NALT0615				
NAL12053F-012	RMB-LIQ-04	ORG	207-08-9	Benzo (k) fluoranthene		U	ug/L	2.02	4/17/2012	13:00	4/19/2012	4/19/2012	17:23	WG	1	990	2	NA	SW8270D	NALT0615				
NAL12053F-012	RMB-LIQ-04	ORG	50-32-8	Benzo (a) pyrene		U	ug/L	2.02	4/17/2012	13:00	4/19/2012	4/19/2012	17:23	WG	1	990	2	NA	SW8270D	NALT0615				
NAL12053F-012	RMB-LIQ-04	ORG	193-39-5	Indeno (1,2,3-cd) pyrene		U	ug/L	2.02	4/17/2012	13:00	4/19/2012	4/19/2012	17:23	WG	1	990	2	NA	SW8270D	NALT0615				
NAL12053F-012	RMB-LIQ-04	ORG	53-70-3	Dibenzo (a,h) anthracene		U	ug/L	2.02	4/17/2012	13:00	4/19/2012	4/19/2012	17:23	WG	1	990	2	NA	SW8270D	NALT0615				
NAL12053F-012	RMB-LIQ-04	ORG	191-24-2	Benzo (g,h,i) perylene		U	ug/L	2.02	4/17/2012	13:00	4/19/2012	4/19/2012	17:23	WG	1	990	2	NA	SW8270D	NALT0615				
NAL12053F-012	RMB-LIQ-04	STD	367-12-4	2-Flourophenol	5.8		ng		4/17/2012	13:00	4/19/2012	4/19/2012	17:23	WG	1	990	2	NA	SW8270D	NALT0615	20	29%		
NAL12053F-012	RMB-LIQ-04	STD	13127-88-3	Phenol-d6	3.1		ng		4/17/2012	13:00	4/19/2012	4/19/2012	17:23	WG	1	990	2	NA	SW8270D	NALT0615	20	16%		
NAL12053F-012	RMB-LIQ-04	STD	4165-60-0	Nitrobenzene-d5	4.6		ng		4/17/2012	13:00	4/19/2012	4/19/2012	17:23	WG	1	990	2	NA	SW8270D	NALT0615	10	46%		
NAL12053F-012	RMB-LIQ-04	STD	321-60-8	2-Fluorobiphenyl	5.0		ng		4/17/2012	13:00	4/19/2012	4/19/2012	17:23	WG	1	990	2	NA	SW8270D	NALT0615	10	50%		
NAL12053F-012	RMB-LIQ-04	STD	118-79-6	2,4,6-Tribromophenol	13		ng		4/17/2012	13:00	4/19/2012	4/19/2012	17:23	WG	1	990	2	NA	SW8270D	NALT0615	20	65%		
NAL12053F-012	RMB-LIQ-04	STD	1718-51-0	p-Terphenyl-d14	8.5		ng		4/17/2012	13:00	4/19/2012	4/19/2012	17:23	WG	1	990	2	NA	SW8270D	NALT0615	20	43%		

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FINAL ANALYTICAL REPORT

Oneida Total Integrated Enterprises
100 W. Monroe, Ste 300
Chicago, IL 60603
ATTN: Raghu Nagam

Project #: NAL12-053F
Project Site: Mansfield, Ohio

Analytical results meet the requirements of NELAC Standards. The results reported apply solely to the sample analyzed and all results are reported on a dry weight basis unless stated otherwise. Any questions concerning this report should be directed to Scott D. Wall, President

* = NAL is not certified for this compound by NELAC.
B = Analyte is found in the associated blank as well as in the sample.
D = Compound identified in an analysis at a secondary dilution factor.
E = Compound's concentration exceeds the calibration range of the instrument at this dilution.
X = Estimated value, some aspect of the test relative to this compound did not meet QC criteria. See batch narrative for explanation.
J = Estimated value, compound meets the identification criteria but the result is less than the limit of quantitation but greater than the MDL.
U = Non-detect

Lab ID:	Sample ID:		CAS #	ANALYTES	Results	QC	Units	RL	Sample Date	Digestion Date	Analysis Date	Matrix	Dil.	Sample Vol.(mL)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
NAL12053F-001	RMB-LIQ-03	TRG	7440-47-3	**Chromium, Total (Cr)**	36		ug/L	1.0	4/17/2012	4/20/2012	4/20/2012	WG	1	50	50	NA	SW6010B	12:16				
NAL12053F-001	RMB-LIQ-03	TRG	7440-38-2	**Arsenic (As)**	29		ug/L	1.0	4/17/2012	4/20/2012	4/20/2012	WG	1	50	50	NA	SW6010B	12:16				
NAL12053F-001	RMB-LIQ-03	TRG	7782-49-2	**Selenium (Se)**	2.5		ug/L	1.0	4/17/2012	4/20/2012	4/20/2012	WG	1	50	50	NA	SW6010B	12:16				
NAL12053F-001	RMB-LIQ-03	TRG	7440-22-4	**Silver (Ag)**		U	ug/L	0.2	4/17/2012	4/20/2012	4/20/2012	WG	1	50	50	NA	SW6010B	12:16				
NAL12053F-001	RMB-LIQ-03	TRG	7440-43-9	**Cadmium (Cd)**	0.8		ug/L	0.2	4/17/2012	4/20/2012	4/20/2012	WG	1	50	50	NA	SW6010B	12:16				
NAL12053F-001	RMB-LIQ-03	TRG	7440-39-3	**Barium (Ba)**	55		ug/L	5.0	4/17/2012	4/20/2012	4/20/2012	WG	1	50	50	NA	SW6010B	12:16				
NAL12053F-001	RMB-LIQ-03	TRG	7439-97-6	**Mercury (Hg)**	7.0		ug/L	0.2	4/17/2012	4/20/2012	4/20/2012	WG	1	50	50	NA	SW7473	12:16				
NAL12053F-001	RMB-LIQ-03	TRG	7439-92-1	**Lead (Pb)**	20	J	ug/L	1.0	4/17/2012	4/20/2012	4/20/2012	WG	1	50	50	NA	SW6010B	12:16				

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FINAL ANALYTICAL REPORT

Oneida Total Integrated Enterprises
100 W. Monroe, Ste 300
Chicago, IL 60603
ATTN: Raghu Nagam

Project #: NAL12-053F
Project Site: Mansfield, Ohio

Analytical results meet the requirements of NELAC Standards. The results reported apply solely to the sample analyzed and all results are reported on a dry weight basis unless stated otherwise. Any questions concerning this report should be directed to Scott D. Wall, President
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Lab ID:	Sample ID:		CAS #	ANALYTES	Results	QC	Units	RL	Sample Date	Digestion Date	Analysis Date	Matrix	Dil.	Sample Vol.(mL)	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	% RPD	Parent
NAL12053F-003	RMB-LIQ-01	TRG	7440-47-3	**Chromium, Total (Cr)**		U	ug/L	100.0	4/17/2012	4/20/2012	4/20/2012	WG	100	50	50	NA	SW6010B	12:25				
NAL12053F-003	RMB-LIQ-01	TRG	7440-38-2	**Arsenic (As)**	650		ug/L	100.0	4/17/2012	4/20/2012	4/20/2012	WG	100	50	50	NA	SW6010B	12:25				
NAL12053F-003	RMB-LIQ-01	TRG	7782-49-2	**Selenium (Se)**	1400		ug/L	100.0	4/17/2012	4/20/2012	4/20/2012	WG	100	50	50	NA	SW6010B	12:25				
NAL12053F-003	RMB-LIQ-01	TRG	7440-22-4	**Silver (Ag)**		U	ug/L	20.0	4/17/2012	4/20/2012	4/20/2012	WG	100	50	50	NA	SW6010B	12:25				
NAL12053F-003	RMB-LIQ-01	TRG	7440-43-9	**Cadmium (Cd)**		U	ug/L	20.0	4/17/2012	4/20/2012	4/20/2012	WG	100	50	50	NA	SW6010B	12:25				
NAL12053F-003	RMB-LIQ-01	TRG	7440-39-3	**Barium (Ba)**	570000		ug/L	500.0	4/17/2012	4/20/2012	4/20/2012	WG	100	50	50	NA	SW6010B	12:25				
NAL12053F-003	RMB-LIQ-01	TRG	7439-97-6	**Mercury (Hg)**	350		ug/L	0.2	4/17/2012	4/20/2012	4/20/2012	WG	1	50	50	NA	SW7473	12:25				
NAL12053F-003	RMB-LIQ-01	TRG	7439-92-1	**Lead (Pb)**	210		ug/L	100.0	4/17/2012	4/20/2012	4/20/2012	WG	100	50	50	NA	SW6010B	12:25				

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NAL12053F-011	RMB-LIQ-02	TRG	7440-47-3	**Chromium, Total (Cr)**	150		ug/L	1.0	4/17/2012	4/20/2012	4/20/2012	WG	1	50	50	NA	SW6010B	12:58				
NAL12053F-011	RMB-LIQ-02	TRG	7440-38-2	**Arsenic (As)**	85		ug/L	1.0	4/17/2012	4/20/2012	4/20/2012	WG	1	50	50	NA	SW6010B	12:58				
NAL12053F-011	RMB-LIQ-02	TRG	7782-49-2	**Selenium (Se)**	19		ug/L	1.0	4/17/2012	4/20/2012	4/20/2012	WG	1	50	50	NA	SW6010B	12:58				
NAL12053F-011	RMB-LIQ-02	TRG	7440-22-4	**Silver (Ag)**		U	ug/L	0.2	4/17/2012	4/20/2012	4/20/2012	WG	1	50	50	NA	SW6010B	12:58				
NAL12053F-011	RMB-LIQ-02	TRG	7440-43-9	**Cadmium (Cd)**	56		ug/L	0.2	4/17/2012	4/20/2012	4/20/2012	WG	1	50	50	NA	SW6010B	12:58				
NAL12053F-011	RMB-LIQ-02	TRG	7440-39-3	**Barium (Ba)**	190		ug/L	5.0	4/17/2012	4/20/2012	4/20/2012	WG	1	50	50	NA	SW6010B	12:58				
NAL12053F-011	RMB-LIQ-02	TRG	7439-97-6	**Mercury (Hg)**	1.8		ug/L	0.2	4/17/2012	4/20/2012	4/20/2012	WG	1	50	50	NA	SW7473	12:58				
NAL12053F-011	RMB-LIQ-02	TRG	7439-92-1	**Lead (Pb)**	1200		ug/L	1.0	4/17/2012	4/20/2012	4/20/2012	WG	1	50	50	NA	SW6010B	12:58				

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NAL12053F-012	RMB-LIQ-04	TRG	7440-47-3	**Chromium, Total (Cr)**	39		ug/L	1.0	4/17/2012	4/20/2012	4/20/2012	WG	1	50	50	NA	SW6010B	12:30				
NAL12053F-012	RMB-LIQ-04	TRG	7440-38-2	**Arsenic (As)**	30		ug/L	1.0	4/17/2012	4/20/2012	4/20/2012	WG	1	50	50	NA	SW6010B	12:30				
NAL12053F-012	RMB-LIQ-04	TRG	7782-49-2	**Selenium (Se)**	3.6		ug/L	1.0	4/17/2012	4/20/2012	4/20/2012	WG	1	50	50	NA	SW6010B	12:30				
NAL12053F-012	RMB-LIQ-04	TRG	7440-22-4	**Silver (Ag)**		U	ug/L	0.2	4/17/2012	4/20/2012	4/20/2012	WG	1	50	50	NA	SW6010B	12:30				
NAL12053F-012	RMB-LIQ-04	TRG	7440-43-9	**Cadmium (Cd)**	0.8		ug/L	0.2	4/17/2012	4/20/2012	4/20/2012	WG	1	50	50	NA	SW6010B	12:30				
NAL12053F-012	RMB-LIQ-04	TRG	7440-39-3	**Barium (Ba)**	57		ug/L	5.0	4/17/2012	4/20/2012	4/20/2012	WG	1	50	50	NA	SW6010B	12:30				
NAL12053F-012	RMB-LIQ-04	TRG	7439-97-6	**Mercury (Hg)**	4.3		ug/L	0.2	4/17/2012	4/20/2012	4/20/2012	WG	1	50	50	NA	SW7473	12:30				
NAL12053F-012	RMB-LIQ-04	TRG	7439-92-1	**Lead (Pb)**	5.9	J	ug/L	1.0	4/17/2012	4/20/2012	4/20/2012	WG	1	50	50	NA	SW6010B	12:30				

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NAL12053F-004	RMB-SS-01	TRG	7440-47-3	**Chromium, Total (Cr)**	33		mg/Kg	1.33	4/17/2012	4/19/2012	4/19/2012	SO	1	0.75	50	100%	SW6010B	13:46				
NAL12053F-004	RMB-SS-01	TRG	7440-38-2	**Arsenic (As)**	18		mg/Kg	3.33	4/17/2012	4/19/2012	4/19/2012	SO	1	0.75	50	100%	SW6010B	13:46				
NAL12053F-004	RMB-SS-01	TRG	7782-49-2	**Selenium (Se)**		U	mg/Kg	0.13	4/17/2012	4/19/2012	4/19/2012	SO	1	0.75	50	100%	SW6010B	13:46				
NAL12053F-004	RMB-SS-01	TRG	7440-22-4	**Silver (Ag)**	2.9		mg/Kg	0.07	4/17/2012	4/19/2012	4/19/2012	SO	1	0.75	50	100%	SW6010B	13:46				
NAL12053F-004	RMB-SS-01	TRG	7440-43-9	**Cadmium (Cd)**	25		mg/Kg	0.13	4/17/2012	4/19/2012	4/19/2012	SO	1	0.75	50	100%	SW6010B	13:46				
NAL12053F-004	RMB-SS-01	TRG	7440-39-3	**Barium (Ba)**	40		mg/Kg	0.67	4/17/2012	4/19/2012	4/19/2012	SO	1	0.75	50	100%	SW6010B	13:46				
NAL12053F-004	RMB-SS-01	TRG	7439-97-6	**Mercury (Hg)**	0.07		mg/Kg	0.002	4/17/2012	4/19/2012	4/19/2012	SO	1	0.75	50	100%	SW7473	13:46				
NAL12053F-004	RMB-SS-01	TRG	7439-92-1	**Lead (Pb)**	2800	D	mg/Kg	6.67	4/17/2012	4/19/2012	4/19/2012	SO	10	0.75	50	100%	SW6010B	15:22				

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NAL12053F-005	RMB-SS-02	TRG	7440-47-3	**Chromium, Total (Cr)**	13		mg/Kg	1.71	4/17/2012	4/19/2012	4/19/2012	SO	1	0.73	50	80%	SW6010B	13:51				
NAL12053F-005	RMB-SS-02	TRG	7440-38-2	**Arsenic (As)**		U	mg/Kg	4.28	4/17/2012	4/19/2012	4/19/2012	SO	1	0.73	50	80%	SW6010B	13:51				
NAL12053F-005	RMB-SS-02	TRG	7782-49-2	**Selenium (Se)**	8.3		mg/Kg	0.17	4/17/2012	4/19/2012	4/19/2012	SO	1	0.73	50	80%	SW6010B	13:51				
NAL12053F-005	RMB-SS-02	TRG	7440-22-4	**Silver (Ag)**	4.3		mg/Kg	0.09	4/17/2012	4/19/2012	4/19/2012	SO	1	0.73	50	80%	SW6010B	13:51				
NAL12053F-005	RMB-SS-02	TRG	7440-43-9	**Cadmium (Cd)**		U	mg/Kg	0.17	4/17/2012	4/19/2012	4/19/2012	SO	1	0.73	50	80%	SW6010B	13:51				
NAL12053F-005	RMB-SS-02	TRG	7440-39-3	**Barium (Ba)**	53		mg/Kg	0.86	4/17/2012	4/19/2012	4/19/2012	SO	1	0.73	50	80%	SW6010B	13:51				
NAL12053F-005	RMB-SS-02	TRG	7439-97-6	**Mercury (Hg)**		U	mg/Kg	0.002	4/17/2012	4/19/2012	4/19/2012	SO	1	0.73	50	80%	SW7473	13:51				
NAL12053F-005	RMB-SS-02	TRG	7439-92-1	**Lead (Pb)**	20		mg/Kg	0.86	4/17/2012	4/19/2012	4/19/2012	SO	1	0.73	50	80%	SW6010B	13:51				

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NAL12053F-006	RMB-SS-03	TRG	7440-47-3	**Chromium, Total (Cr)**		U	mg/Kg	1.27	4/17/2012	4/19/2012	4/19/2012	SO	1	0.79	50	100%	SW6010B	13:55				
NAL12053F-006	RMB-SS-03	TRG	7440-38-2	**Arsenic (As)**		U	mg/Kg	3.16	4/17/2012	4/19/2012	4/19/2012	SO	1	0.79	50	100%	SW6010B	13:55				
NAL12053F-006	RMB-SS-03	TRG	7782-49-2	**Selenium (Se)**	450		mg/Kg	0.13	4/17/2012	4/19/2012	4/19/2012	SO	1	0.79	50	100%	SW6010B	13:55				
NAL12053F-006	RMB-SS-03	TRG	7440-22-4	**Silver (Ag)**	0.66		mg/Kg	0.06	4/17/2012	4/19/2012	4/19/2012	SO	1	0.79	50	100%	SW6010B	13:55				
NAL12053F-006	RMB-SS-03	TRG	7440-43-9	**Cadmium (Cd)**	4800	D	mg/Kg	12.66	4/17/2012	4/19/2012	4/19/2012	SO	100	0.79	50	100%	SW6010B	15:31				
NAL12053F-006	RMB-SS-03	TRG	7440-39-3	**Barium (Ba)**	19000	D	mg/Kg	63.29	4/17/2012	4/19/2012	4/19/2012	SO	100	0.79	50	100%	SW6010B	15:31				
NAL12053F-006	RMB-SS-03	TRG	7439-97-6	**Mercury (Hg)**		U	mg/Kg	0.002	4/17/2012	4/19/2012	4/19/2012	SO	1	0.79	50	100%	SW7473	13:55				
NAL12053F-006	RMB-SS-03	TRG	7439-92-1	**Lead (Pb)**	22000	D	mg/Kg	63.29	4/17/2012	4/19/2012	4/19/2012	SO	100	0.79	50	100%	SW6010B	15:31				

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NAL12053F-007	RMB-SS-04	TRG	7440-47-3	**Chromium, Total (Cr)**	2.3		mg/Kg	1.92	4/17/2012	4/19/2012	4/19/2012	SO	1	0.79	50	66%	SW6010B	14:02				
NAL12053F-007	RMB-SS-04	TRG	7440-38-2	**Arsenic (As)**		U	mg/Kg	4.79	4/17/2012	4/19/2012	4/19/2012	SO	1	0.79	50	66%	SW6010B	14:02				
NAL12053F-007	RMB-SS-04	TRG	7782-49-2	**Selenium (Se)**	0.71		mg/Kg	0.19	4/17/2012	4/19/2012	4/19/2012	SO	1	0.79	50	66%	SW6010B	14:02				
NAL12053F-007	RMB-SS-04	TRG	7440-22-4	**Silver (Ag)**		U	mg/Kg	0.10	4/17/2012	4/19/2012	4/19/2012	SO	1	0.79	50	66%	SW6010B	14:02				
NAL12053F-007	RMB-SS-04	TRG	7440-43-9	**Cadmium (Cd)**		U	mg/Kg	0.19	4/17/2012	4/19/2012	4/19/2012	SO	1	0.79	50	66%	SW6010B	14:02				
NAL12053F-007	RMB-SS-04	TRG	7440-39-3	**Barium (Ba)**	140		mg/Kg	0.96	4/17/2012	4/19/2012	4/19/2012	SO	1	0.79	50	66%	SW6010B	14:02				
NAL12053F-007	RMB-SS-04	TRG	7439-97-6	**Mercury (Hg)**		U	mg/Kg	0.002	4/17/2012	4/19/2012	4/19/2012	SO	1	0.79	50	66%	SW7473	14:02				
NAL12053F-007	RMB-SS-04	TRG	7439-92-1	**Lead (Pb)**	1.4		mg/Kg	0.96	4/17/2012	4/19/2012	4/19/2012	SO	1	0.79	50	66%	SW6010B	14:02				

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NAL12053F-008	RMB-SS-05	TRG	7440-47-3	**Chromium, Total (Cr)**		U	mg/Kg	1.59	4/17/2012	4/19/2012	4/19/2012	SO	1	0.63	50	100%	SW6010B	14:07				
NAL12053F-008	RMB-SS-05	TRG	7440-38-2	**Arsenic (As)**		U	mg/Kg	3.97	4/17/2012	4/19/2012	4/19/2012	SO	1	0.63	50	100%	SW6010B	14:07				
NAL12053F-008	RMB-SS-05	TRG	7782-49-2	**Selenium (Se)**	1800	D	mg/Kg	15.87	4/17/2012	4/19/2012	4/19/2012	SO	100	0.63	50	100%	SW6010B	15:37				
NAL12053F-008	RMB-SS-05	TRG	7440-22-4	**Silver (Ag)**		U	mg/Kg	0.08	4/17/2012	4/19/2012	4/19/2012	SO	1	0.63	50	100%	SW6010B	14:07				
NAL12053F-008	RMB-SS-05	TRG	7440-43-9	**Cadmium (Cd)**	3600	D	mg/Kg	15.87	4/17/2012	4/19/2012	4/19/2012	SO	100	0.63	50	100%	SW6010B	15:37				
NAL12053F-008	RMB-SS-05	TRG	7440-39-3	**Barium (Ba)**	52000	D	mg/Kg	79.37	4/17/2012	4/19/2012	4/19/2012	SO	100	0.63	50	100%	SW6010B	15:37				
NAL12053F-008	RMB-SS-05	TRG	7439-97-6	**Mercury (Hg)**		U	mg/Kg	0.002	4/17/2012	4/19/2012	4/19/2012	SO	1	0.63	50	100%	SW7473	14:07				
NAL12053F-008	RMB-SS-05	TRG	7439-92-1	**Lead (Pb)**	450		mg/Kg	0.79	4/17/2012	4/19/2012	4/19/2012	SO	1	0.63	50	100%	SW6010B	14:07				

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FINAL ANALYTICAL REPORT

Oneida Total Integrated Enterprises
100 W. Monroe, Ste 300
Chicago, IL 60603
ATTN: Raghu Nagam

Project #: NAL12-053F
Project Site: Mansfield, Ohio

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Lab ID:	Sample ID:		CAS #	ANALYTES	Results	QC	Units	RL	Sample Date	Leach Date	Analysis Date	Matrix	Dil.	Weigh t(g)	Vol.(ml)	% Solid	Method	Acquisitio n Time	Spike	% Rec	% RPD	Parent
NAL12053F-009	RMB-SS-06	TRG	7440-47-3	**Chromium, Total (Cr)**		U	mg/Kg	1.32	4/17/2012	4/19/2012	4/19/2012	SO	1	0.76	50	100%	SW6010B	14:11				
NAL12053F-009	RMB-SS-06	TRG	7440-38-2	**Arsenic (As)**		U	mg/Kg	3.29	4/17/2012	4/19/2012	4/19/2012	SO	1	0.76	50	100%	SW6010B	14:11				
NAL12053F-009	RMB-SS-06	TRG	7782-49-2	**Selenium (Se)**	1700	D	mg/Kg	13.16	4/17/2012	4/19/2012	4/19/2012	SO	100	0.76	50	100%	SW6010B	15:41				
NAL12053F-009	RMB-SS-06	TRG	7440-22-4	**Silver (Ag)**		U	mg/Kg	0.07	4/17/2012	4/19/2012	4/19/2012	SO	1	0.76	50	100%	SW6010B	14:11				
NAL12053F-009	RMB-SS-06	TRG	7440-43-9	**Cadmium (Cd)**	3300	D	mg/Kg	13.16	4/17/2012	4/19/2012	4/19/2012	SO	100	0.76	50	100%	SW6010B	15:41				
NAL12053F-009	RMB-SS-06	TRG	7440-39-3	**Barium (Ba)**	54000	D	mg/Kg	65.79	4/17/2012	4/19/2012	4/19/2012	SO	100	0.76	50	100%	SW6010B	15:41				
NAL12053F-009	RMB-SS-06	TRG	7439-97-6	**Mercury (Hg)**		U	mg/Kg	0.002	4/17/2012	4/19/2012	4/19/2012	SO	1	0.76	50	100%	SW7473	14:11				
NAL12053F-009	RMB-SS-06	TRG	7439-92-1	**Lead (Pb)**	430		mg/Kg	0.66	4/17/2012	4/19/2012	4/19/2012	SO	1	0.76	50	100%	SW6010B	14:11				

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Project #: NAL12-053F
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NAL12053F-010	RMB-SS-07	TRG	7440-47-3	**Chromium, Total (Cr)**	40		mg/Kg	1.52	4/17/2012	4/19/2012	4/19/2012	SO	1	0.66	50	100%	SW6010B	14:18				
NAL12053F-010	RMB-SS-07	TRG	7440-38-2	**Arsenic (As)**	15		mg/Kg	3.79	4/17/2012	4/19/2012	4/19/2012	SO	1	0.66	50	100%	SW6010B	14:18				
NAL12053F-010	RMB-SS-07	TRG	7782-49-2	**Selenium (Se)**		U	mg/Kg	0.15	4/17/2012	4/19/2012	4/19/2012	SO	1	0.66	50	100%	SW6010B	14:18				
NAL12053F-010	RMB-SS-07	TRG	7440-22-4	**Silver (Ag)**		U	mg/Kg	0.08	4/17/2012	4/19/2012	4/19/2012	SO	1	0.66	50	100%	SW6010B	14:18				
NAL12053F-010	RMB-SS-07	TRG	7440-43-9	**Cadmium (Cd)**	2.4		mg/Kg	0.15	4/17/2012	4/19/2012	4/19/2012	SO	1	0.66	50	100%	SW6010B	14:18				
NAL12053F-010	RMB-SS-07	TRG	7440-39-3	**Barium (Ba)**	3600	D	mg/Kg	7.58	4/17/2012	4/19/2012	4/19/2012	SO	10	0.66	50	100%	SW6010B	15:45				
NAL12053F-010	RMB-SS-07	TRG	7439-97-6	**Mercury (Hg)**	0.12		mg/Kg	0.002	4/17/2012	4/19/2012	4/19/2012	SO	1	0.66	50	100%	SW7473	14:18				
NAL12053F-010	RMB-SS-07	TRG	7439-92-1	**Lead (Pb)**	91		mg/Kg	0.76	4/17/2012	4/19/2012	4/19/2012	SO	1	0.66	50	100%	SW6010B	14:18				

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Project #: NAL12-053F
Project Site: Mansfield, Ohio

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Lab ID:	Sample ID:		CAS #	ANALYTES	Results	QC	Units	RL	Sample Date	Leach Date	Analysis Date	Matrix	Dil.	Weigh t(g)	Vol.(ml)	% Solid	Method	Acquisitio n Time	Spike	% Rec	% RPD	Parent
NAL12053F-013	RMB-SS-08	TRG	7440-47-3	**Chromium, Total (Cr)**	42		mg/Kg	1.47	4/17/2012	4/19/2012	4/19/2012	SO	1	0.68	50	100%	SW6010B	14:33				
NAL12053F-013	RMB-SS-08	TRG	7440-38-2	**Arsenic (As)**	46		mg/Kg	3.68	4/17/2012	4/19/2012	4/19/2012	SO	1	0.68	50	100%	SW6010B	14:33				
NAL12053F-013	RMB-SS-08	TRG	7782-49-2	**Selenium (Se)**		U	mg/Kg	0.15	4/17/2012	4/19/2012	4/19/2012	SO	1	0.68	50	100%	SW6010B	14:33				
NAL12053F-013	RMB-SS-08	TRG	7440-22-4	**Silver (Ag)**		U	mg/Kg	0.07	4/17/2012	4/19/2012	4/19/2012	SO	1	0.68	50	100%	SW6010B	14:33				
NAL12053F-013	RMB-SS-08	TRG	7440-43-9	**Cadmium (Cd)**	2.5		mg/Kg	0.15	4/17/2012	4/19/2012	4/19/2012	SO	1	0.68	50	100%	SW6010B	14:33				
NAL12053F-013	RMB-SS-08	TRG	7440-39-3	**Barium (Ba)**	840	D	mg/Kg	7.35	4/17/2012	4/19/2012	4/19/2012	SO	10	0.68	50	100%	SW6010B	15:50				
NAL12053F-013	RMB-SS-08	TRG	7439-97-6	**Mercury (Hg)**	0.033		mg/Kg	0.002	4/17/2012	4/19/2012	4/19/2012	SO	1	0.68	50	100%	SW7473	14:33				
NAL12053F-013	RMB-SS-08	TRG	7439-92-1	**Lead (Pb)**	35		mg/Kg	0.74	4/17/2012	4/19/2012	4/19/2012	SO	1	0.68	50	100%	SW6010B	14:33				

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100 W. Monroe, Ste 300
Chicago, IL 60603
ATTN: Raghu Nagam

Project #: NAL12-053F
Project Site: Mansfield, Ohio

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Lab ID:	Sample ID:		CAS #	ANALYTES	Results	QC	Units	RL	Sample Date	Leach Date	Analysis Date	Matrix	Dil.	Weigh t(g)	Vol.(ml)	% Solid	Method	Acquisitio n Time	Spike	% Rec	% RPD	Parent
NAL12053F-014	RMB-SS-09	TRG	7440-47-3	**Chromium, Total (Cr)**	250		mg/Kg	1.28	4/17/2012	4/19/2012	4/19/2012	SO	1	0.78	50	100%	SW6010B	14:39				
NAL12053F-014	RMB-SS-09	TRG	7440-38-2	**Arsenic (As)**	30		mg/Kg	3.21	4/17/2012	4/19/2012	4/19/2012	SO	1	0.78	50	100%	SW6010B	14:39				
NAL12053F-014	RMB-SS-09	TRG	7782-49-2	**Selenium (Se)**		U	mg/Kg	0.13	4/17/2012	4/19/2012	4/19/2012	SO	1	0.78	50	100%	SW6010B	14:39				
NAL12053F-014	RMB-SS-09	TRG	7440-22-4	**Silver (Ag)**		U	mg/Kg	0.06	4/17/2012	4/19/2012	4/19/2012	SO	1	0.78	50	100%	SW6010B	14:39				
NAL12053F-014	RMB-SS-09	TRG	7440-43-9	**Cadmium (Cd)**	0.98		mg/Kg	0.13	4/17/2012	4/19/2012	4/19/2012	SO	1	0.78	50	100%	SW6010B	14:39				
NAL12053F-014	RMB-SS-09	TRG	7440-39-3	**Barium (Ba)**	57		mg/Kg	0.64	4/17/2012	4/19/2012	4/19/2012	SO	1	0.78	50	100%	SW6010B	14:39				
NAL12053F-014	RMB-SS-09	TRG	7439-97-6	**Mercury (Hg)**		U	mg/Kg	0.002	4/17/2012	4/19/2012	4/19/2012	SO	1	0.78	50	100%	SW7473	14:39				
NAL12053F-014	RMB-SS-09	TRG	7439-92-1	**Lead (Pb)**	11		mg/Kg	0.64	4/17/2012	4/19/2012	4/19/2012	SO	1	0.78	50	100%	SW6010B	14:39				

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NAL12053F-015	RMB-SS-10	TRG	7440-47-3	**Chromium, Total (Cr)**	14		mg/Kg	1.23	4/17/2012	4/19/2012	4/19/2012	SO	1	0.81	50	100%	SW6010B	14:44				
NAL12053F-015	RMB-SS-10	TRG	7440-38-2	**Arsenic (As)**	17		mg/Kg	3.09	4/17/2012	4/19/2012	4/19/2012	SO	1	0.81	50	100%	SW6010B	14:44				
NAL12053F-015	RMB-SS-10	TRG	7782-49-2	**Selenium (Se)**		U	mg/Kg	0.12	4/17/2012	4/19/2012	4/19/2012	SO	1	0.81	50	100%	SW6010B	14:44				
NAL12053F-015	RMB-SS-10	TRG	7440-22-4	**Silver (Ag)**		U	mg/Kg	0.06	4/17/2012	4/19/2012	4/19/2012	SO	1	0.81	50	100%	SW6010B	14:44				
NAL12053F-015	RMB-SS-10	TRG	7440-43-9	**Cadmium (Cd)**		U	mg/Kg	0.12	4/17/2012	4/19/2012	4/19/2012	SO	1	0.81	50	100%	SW6010B	14:44				
NAL12053F-015	RMB-SS-10	TRG	7440-39-3	**Barium (Ba)**	300		mg/Kg	0.62	4/17/2012	4/19/2012	4/19/2012	SO	1	0.81	50	100%	SW6010B	14:44				
NAL12053F-015	RMB-SS-10	TRG	7439-97-6	**Mercury (Hg)**		U	mg/Kg	0.002	4/17/2012	4/19/2012	4/19/2012	SO	1	0.81	50	100%	SW7473	14:44				
NAL12053F-015	RMB-SS-10	TRG	7439-92-1	**Lead (Pb)**	13		mg/Kg	0.62	4/17/2012	4/19/2012	4/19/2012	SO	1	0.81	50	100%	SW6010B	14:44				

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NAL12053F-016	RMB-SS-11	TRG	7440-47-3	**Chromium, Total (Cr)**	6.0		mg/Kg	1.35	4/17/2012	4/19/2012	4/19/2012	SO	1	0.74	50	100%	SW6010B	14:48				
NAL12053F-016	RMB-SS-11	TRG	7440-38-2	**Arsenic (As)**		U	mg/Kg	3.38	4/17/2012	4/19/2012	4/19/2012	SO	1	0.74	50	100%	SW6010B	14:48				
NAL12053F-016	RMB-SS-11	TRG	7782-49-2	**Selenium (Se)**	0.88		mg/Kg	0.14	4/17/2012	4/19/2012	4/19/2012	SO	1	0.74	50	100%	SW6010B	14:48				
NAL12053F-016	RMB-SS-11	TRG	7440-22-4	**Silver (Ag)**		U	mg/Kg	0.07	4/17/2012	4/19/2012	4/19/2012	SO	1	0.74	50	100%	SW6010B	14:48				
NAL12053F-016	RMB-SS-11	TRG	7440-43-9	**Cadmium (Cd)**		U	mg/Kg	0.14	4/17/2012	4/19/2012	4/19/2012	SO	1	0.74	50	100%	SW6010B	14:48				
NAL12053F-016	RMB-SS-11	TRG	7440-39-3	**Barium (Ba)**	67		mg/Kg	0.68	4/17/2012	4/19/2012	4/19/2012	SO	1	0.74	50	100%	SW6010B	14:48				
NAL12053F-016	RMB-SS-11	TRG	7439-97-6	**Mercury (Hg)**	0.019		mg/Kg	0.002	4/17/2012	4/19/2012	4/19/2012	SO	1	0.74	50	100%	SW7473	14:48				
NAL12053F-016	RMB-SS-11	TRG	7439-92-1	**Lead (Pb)**	9.9		mg/Kg	0.68	4/17/2012	4/19/2012	4/19/2012	SO	1	0.74	50	100%	SW6010B	14:48				

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NAL12053F-004	RMB-SS-01	TRG	7440-47-3	**Chromium, Total (Cr)**		U	mg/L	0.020	4/17/2012	4/19/2012	4/19/2012	LE	1	10	200	NA	SW6010B	11:35				
NAL12053F-004	RMB-SS-01	TRG	7440-38-2	**Arsenic (As)**		U	mg/L	0.010	4/17/2012	4/19/2012	4/19/2012	LE	1	10	200	NA	SW6010B	11:35				
NAL12053F-004	RMB-SS-01	TRG	7782-49-2	**Selenium (Se)**		U	mg/L	0.010	4/17/2012	4/19/2012	4/19/2012	LE	1	10	200	NA	SW6010B	11:35				
NAL12053F-004	RMB-SS-01	TRG	7440-22-4	**Silver (Ag)**	0.0059		mg/L	0.005	4/17/2012	4/19/2012	4/19/2012	LE	1	10	200	NA	SW6010B	11:35				
NAL12053F-004	RMB-SS-01	TRG	7440-43-9	**Cadmium (Cd)**	0.085		mg/L	0.005	4/17/2012	4/19/2012	4/19/2012	LE	1	10	200	NA	SW6010B	11:35				
NAL12053F-004	RMB-SS-01	TRG	7440-39-3	**Barium (Ba)**	1.0		mg/L	0.010	4/17/2012	4/19/2012	4/19/2012	LE	1	10	200	NA	SW6010B	11:35				
NAL12053F-004	RMB-SS-01	TRG	7439-97-6	**Mercury (Hg)**	0.016		mg/L	0.002	4/17/2012	4/19/2012	4/19/2012	LE	1	10	200	NA	SW7473	11:35				
NAL12053F-004	RMB-SS-01	TRG	7439-92-1	**Lead (Pb)**	4.1		mg/L	0.010	4/17/2012	4/19/2012	4/19/2012	LE	1	10	200	NA	SW6010B	11:35				

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Lab ID:	Sample ID:		CAS #	ANALYTES	Results	QC	Units	RL	Sample Date	Leach Date	Analysis Date	Matrix	Dil.	Weigh t(g)	Vol.(ml)	% Solid	Method	Acquisitio n Time	Spike	% Rec	% RPD	Parent
NAL12053F-005	RMB-SS-02	TRG	7440-47-3	**Chromium, Total (Cr)**	0.027		mg/L	0.020	4/17/2012	4/19/2012	4/19/2012	LE	1	10	200	NA	SW6010B	11:40				
NAL12053F-005	RMB-SS-02	TRG	7440-38-2	**Arsenic (As)**	0.011		mg/L	0.010	4/17/2012	4/19/2012	4/19/2012	LE	1	10	200	NA	SW6010B	11:40				
NAL12053F-005	RMB-SS-02	TRG	7782-49-2	**Selenium (Se)**		U	mg/L	0.010	4/17/2012	4/19/2012	4/19/2012	LE	1	10	200	NA	SW6010B	11:40				
NAL12053F-005	RMB-SS-02	TRG	7440-22-4	**Silver (Ag)**	0.094		mg/L	0.005	4/17/2012	4/19/2012	4/19/2012	LE	1	10	200	NA	SW6010B	11:40				
NAL12053F-005	RMB-SS-02	TRG	7440-43-9	**Cadmium (Cd)**		U	mg/L	0.005	4/17/2012	4/19/2012	4/19/2012	LE	1	10	200	NA	SW6010B	11:40				
NAL12053F-005	RMB-SS-02	TRG	7440-39-3	**Barium (Ba)**	0.44		mg/L	0.010	4/17/2012	4/19/2012	4/19/2012	LE	1	10	200	NA	SW6010B	11:40				
NAL12053F-005	RMB-SS-02	TRG	7439-97-6	**Mercury (Hg)**	0.023		mg/L	0.002	4/17/2012	4/19/2012	4/19/2012	LE	1	10	200	NA	SW7473	11:40				
NAL12053F-005	RMB-SS-02	TRG	7439-92-1	**Lead (Pb)**		U	mg/L	0.010	4/17/2012	4/19/2012	4/19/2012	LE	1	10	200	NA	SW6010B	11:40				

5-16-12

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FINAL ANALYTICAL REPORT

Oneida Total Integrated Enterprises
100 W. Monroe, Ste 300
Chicago, IL 60603
ATTN: Raghu Nagam

Project #: NAL12-053F
Project Site: Mansfield, Ohio

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Lab ID:	Sample ID:		CAS #	ANALYTES	Results	QC	Units	RL	Sample Date	Leach Date	Analysis Date	Matrix	Dil.	Weigh t(g)	Vol.(ml)	% Solid	Method	Acquisitio n Time	Spike	% Rec	% RPD	Parent
NAL12053F-006	RMB-SS-03	TRG	7440-47-3	**Chromium, Total (Cr)**		U	mg/L	0.020	4/17/2012	4/19/2012	4/19/2012	LE	1	10	200	NA	SW6010B	11:45				
NAL12053F-006	RMB-SS-03	TRG	7440-38-2	**Arsenic (As)**	0.010		mg/L	0.010	4/17/2012	4/19/2012	4/19/2012	LE	1	10	200	NA	SW6010B	11:45	-			
NAL12053F-006	RMB-SS-03	TRG	7782-49-2	**Selenium (Se)**	0.12		mg/L	0.010	4/17/2012	4/19/2012	4/19/2012	LE	1	10	200	NA	SW6010B	11:45				
NAL12053F-006	RMB-SS-03	TRG	7440-22-4	**Silver (Ag)**		U	mg/L	0.005	4/17/2012	4/19/2012	4/19/2012	LE	1	10	200	NA	SW6010B	11:45				
NAL12053F-006	RMB-SS-03	TRG	7440-43-9	**Cadmium (Cd)**	15	D	mg/L	0.050	4/17/2012	4/19/2012	4/19/2012	LE	10	10	200	NA	SW6010B	13:19				
NAL12053F-006	RMB-SS-03	TRG	7440-39-3	**Barium (Ba)**	88	D	mg/L	0.100	4/17/2012	4/19/2012	4/19/2012	LE	10	10	200	NA	SW6010B	13:19				
NAL12053F-006	RMB-SS-03	TRG	7439-97-6	**Mercury (Hg)**	0.0038		mg/L	0.002	4/17/2012	4/19/2012	4/19/2012	LE	1	10	200	NA	SW7473	11:45				
NAL12053F-006	RMB-SS-03	TRG	7439-92-1	**Lead (Pb)**	67	D	mg/L	0.100	4/17/2012	4/19/2012	4/19/2012	LE	10	10	200	NA	SW6010B	13:19				

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NAL12053F-007	RMB-SS-04	TRG	7440-47-3	**Chromium, Total (Cr)**		U	mg/L	0.020	4/17/2012	4/19/2012	4/19/2012	LE	1	10	200	NA	SW6010B	11:51				
NAL12053F-007	RMB-SS-04	TRG	7440-38-2	**Arsenic (As)**		U	mg/L	0.010	4/17/2012	4/19/2012	4/19/2012	LE	1	10	200	NA	SW6010B	11:51				
NAL12053F-007	RMB-SS-04	TRG	7782-49-2	**Selenium (Se)**		U	mg/L	0.010	4/17/2012	4/19/2012	4/19/2012	LE	1	10	200	NA	SW6010B	11:51				
NAL12053F-007	RMB-SS-04	TRG	7440-22-4	**Silver (Ag)**		U	mg/L	0.005	4/17/2012	4/19/2012	4/19/2012	LE	1	10	200	NA	SW6010B	11:51				
NAL12053F-007	RMB-SS-04	TRG	7440-43-9	**Cadmium (Cd)**		U	mg/L	0.005	4/17/2012	4/19/2012	4/19/2012	LE	1	10	200	NA	SW6010B	11:51				
NAL12053F-007	RMB-SS-04	TRG	7440-39-3	**Barium (Ba)**	2.9		mg/L	0.010	4/17/2012	4/19/2012	4/19/2012	LE	1	10	200	NA	SW6010B	11:51				
NAL12053F-007	RMB-SS-04	TRG	7439-97-6	**Mercury (Hg)**		U	mg/L	0.002	4/17/2012	4/19/2012	4/19/2012	LE	1	10	200	NA	SW7473	11:51				
NAL12053F-007	RMB-SS-04	TRG	7439-92-1	**Lead (Pb)**		U	mg/L	0.010	4/17/2012	4/19/2012	4/19/2012	LE	1	10	200	NA	SW6010B	11:51				

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Lab ID:	Sample ID:		CAS #	ANALYTES	Results	QC	Units	RL	Sample Date	Leach Date	Analysis Date	Matrix	Dil.	Weigh t(g)	Vol.(ml)	% Solid	Method	Acquisitio n Time	Spike	% Rec	% RPD	Parent
NAL12053F-008	RMB-SS-05	TRG	7440-47-3	**Chromium, Total (Cr)**		U	mg/L	0.020	4/17/2012	4/19/2012	4/19/2012	LE	1	10	200	NA	SW6010B	11:56				
NAL12053F-008	RMB-SS-05	TRG	7440-38-2	**Arsenic (As)**		U	mg/L	0.010	4/17/2012	4/19/2012	4/19/2012	LE	1	10	200	NA	SW6010B	11:56				
NAL12053F-008	RMB-SS-05	TRG	7782-49-2	**Selenium (Se)**	0.084		mg/L	0.010	4/17/2012	4/19/2012	4/19/2012	LE	1	10	200	NA	SW6010B	11:56				
NAL12053F-008	RMB-SS-05	TRG	7440-22-4	**Silver (Ag)**		U	mg/L	0.005	4/17/2012	4/19/2012	4/19/2012	LE	1	10	200	NA	SW6010B	11:56				
NAL12053F-008	RMB-SS-05	TRG	7440-43-9	**Cadmium (Cd)**	7.8		mg/L	0.005	4/17/2012	4/19/2012	4/19/2012	LE	1	10	200	NA	SW6010B	11:56				
NAL12053F-008	RMB-SS-05	TRG	7440-39-3	**Barium (Ba)**	220	D	mg/L	1.000	4/17/2012	4/19/2012	4/19/2012	LE	100	10	200	NA	SW6010B	13:33				
NAL12053F-008	RMB-SS-05	TRG	7439-97-6	**Mercury (Hg)**		U	mg/L	0.002	4/17/2012	4/19/2012	4/19/2012	LE	1	10	200	NA	SW7473	11:56				
NAL12053F-008	RMB-SS-05	TRG	7439-92-1	**Lead (Pb)**	0.98		mg/L	0.010	4/17/2012	4/19/2012	4/19/2012	LE	1	10	200	NA	SW6010B	11:56				

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NAL12053F-009	RMB-SS-06	TRG	7440-47-3	**Chromium, Total (Cr)**		U	mg/L	0.020	4/17/2012	4/19/2012	4/19/2012	LE	1	10	200	NA	SW6010B	12:03				
NAL12053F-009	RMB-SS-06	TRG	7440-38-2	**Arsenic (As)**		U	mg/L	0.010	4/17/2012	4/19/2012	4/19/2012	LE	1	10	200	NA	SW6010B	12:03				
NAL12053F-009	RMB-SS-06	TRG	7782-49-2	**Selenium (Se)**	0.090		mg/L	0.010	4/17/2012	4/19/2012	4/19/2012	LE	1	10	200	NA	SW6010B	12:03				
NAL12053F-009	RMB-SS-06	TRG	7440-22-4	**Silver (Ag)**		U	mg/L	0.005	4/17/2012	4/19/2012	4/19/2012	LE	1	10	200	NA	SW6010B	12:03				
NAL12053F-009	RMB-SS-06	TRG	7440-43-9	**Cadmium (Cd)**	7.7		mg/L	0.005	4/17/2012	4/19/2012	4/19/2012	LE	1	10	200	NA	SW6010B	12:03				
NAL12053F-009	RMB-SS-06	TRG	7440-39-3	**Barium (Ba)**	220	D	mg/L	1.000	4/17/2012	4/19/2012	4/19/2012	LE	100	10	200	NA	SW6010B	13:37				
NAL12053F-009	RMB-SS-06	TRG	7439-97-6	**Mercury (Hg)**		U	mg/L	0.002	4/17/2012	4/19/2012	4/19/2012	LE	1	10	200	NA	SW7473	12:03				
NAL12053F-009	RMB-SS-06	TRG	7439-92-1	**Lead (Pb)**	0.79		mg/L	0.010	4/17/2012	4/19/2012	4/19/2012	LE	1	10	200	NA	SW6010B	12:03				

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NAL12053F-010	RMB-SS-07	TRG	7440-47-3	**Chromium, Total (Cr)**		U	mg/L	0.020	4/17/2012	4/19/2012	4/19/2012	LE	1	10	200	NA	SW6010B	12:09				
NAL12053F-010	RMB-SS-07	TRG	7440-38-2	**Arsenic (As)**		U	mg/L	0.010	4/17/2012	4/19/2012	4/19/2012	LE	1	10	200	NA	SW6010B	12:09				
NAL12053F-010	RMB-SS-07	TRG	7782-49-2	**Selenium (Se)**		U	mg/L	0.010	4/17/2012	4/19/2012	4/19/2012	LE	1	10	200	NA	SW6010B	12:09				
NAL12053F-010	RMB-SS-07	TRG	7440-22-4	**Silver (Ag)**		U	mg/L	0.005	4/17/2012	4/19/2012	4/19/2012	LE	1	10	200	NA	SW6010B	12:09				
NAL12053F-010	RMB-SS-07	TRG	7440-43-9	**Cadmium (Cd)**	0.048		mg/L	0.005	4/17/2012	4/19/2012	4/19/2012	LE	1	10	200	NA	SW6010B	12:09				
NAL12053F-010	RMB-SS-07	TRG	7440-39-3	**Barium (Ba)**	69	D	mg/L	0.100	4/17/2012	4/19/2012	4/19/2012	LE	10	10	200	NA	SW6010B	13:42				
NAL12053F-010	RMB-SS-07	TRG	7439-97-6	**Mercury (Hg)**		U	mg/L	0.002	4/17/2012	4/19/2012	4/19/2012	LE	1	10	200	NA	SW7473	12:09				
NAL12053F-010	RMB-SS-07	TRG	7439-92-1	**Lead (Pb)**	0.33		mg/L	0.010	4/17/2012	4/19/2012	4/19/2012	LE	1	10	200	NA	SW6010B	12:09				

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NAL12053F-013	RMB-SS-08	TRG	7440-47-3	**Chromium, Total (Cr)**	0.045		mg/L	0.020	4/17/2012	4/19/2012	4/19/2012	LE	1	10	200	NA	SW6010B	12:16				
NAL12053F-013	RMB-SS-08	TRG	7440-38-2	**Arsenic (As)**	0.095		mg/L	0.010	4/17/2012	4/19/2012	4/19/2012	LE	1	10	200	NA	SW6010B	12:16				
NAL12053F-013	RMB-SS-08	TRG	7782-49-2	**Selenium (Se)**		U	mg/L	0.010	4/17/2012	4/19/2012	4/19/2012	LE	1	10	200	NA	SW6010B	12:16				
NAL12053F-013	RMB-SS-08	TRG	7440-22-4	**Silver (Ag)**		U	mg/L	0.005	4/17/2012	4/19/2012	4/19/2012	LE	1	10	200	NA	SW6010B	12:16				
NAL12053F-013	RMB-SS-08	TRG	7440-43-9	**Cadmium (Cd)**	0.033		mg/L	0.005	4/17/2012	4/19/2012	4/19/2012	LE	1	10	200	NA	SW6010B	12:16				
NAL12053F-013	RMB-SS-08	TRG	7440-39-3	**Barium (Ba)**	1.2		mg/L	0.010	4/17/2012	4/19/2012	4/19/2012	LE	1	10	200	NA	SW6010B	12:16				
NAL12053F-013	RMB-SS-08	TRG	7439-97-6	**Mercury (Hg)**		U	mg/L	0.002	4/17/2012	4/19/2012	4/19/2012	LE	1	10	200	NA	SW7473	12:16				
NAL12053F-013	RMB-SS-08	TRG	7439-92-1	**Lead (Pb)**	0.011		mg/L	0.010	4/17/2012	4/19/2012	4/19/2012	LE	1	10	200	NA	SW6010B	12:16				

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NAL12053F-014	RMB-SS-09	TRG	7440-47-3	**Chromium, Total (Cr)**		U	mg/L	0.020	4/17/2012	4/19/2012	4/19/2012	LE	1	10	200	NA	SW6010B	12:21				
NAL12053F-014	RMB-SS-09	TRG	7440-38-2	**Arsenic (As)**	0.014		mg/L	0.010	4/17/2012	4/19/2012	4/19/2012	LE	1	10	200	NA	SW6010B	12:21				
NAL12053F-014	RMB-SS-09	TRG	7782-49-2	**Selenium (Se)**		U	mg/L	0.010	4/17/2012	4/19/2012	4/19/2012	LE	1	10	200	NA	SW6010B	12:21				
NAL12053F-014	RMB-SS-09	TRG	7440-22-4	**Silver (Ag)**		U	mg/L	0.005	4/17/2012	4/19/2012	4/19/2012	LE	1	10	200	NA	SW6010B	12:21				
NAL12053F-014	RMB-SS-09	TRG	7440-43-9	**Cadmium (Cd)**	0.012		mg/L	0.005	4/17/2012	4/19/2012	4/19/2012	LE	1	10	200	NA	SW6010B	12:21				
NAL12053F-014	RMB-SS-09	TRG	7440-39-3	**Barium (Ba)**	0.49		mg/L	0.010	4/17/2012	4/19/2012	4/19/2012	LE	1	10	200	NA	SW6010B	12:21				
NAL12053F-014	RMB-SS-09	TRG	7439-97-6	**Mercury (Hg)**		U	mg/L	0.002	4/17/2012	4/19/2012	4/19/2012	LE	1	10	200	NA	SW7473	12:21				
NAL12053F-014	RMB-SS-09	TRG	7439-92-1	**Lead (Pb)**		U	mg/L	0.010	4/17/2012	4/19/2012	4/19/2012	LE	1	10	200	NA	SW6010B	12:21				

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FINAL ANALYTICAL REPORT

Oneida Total Integrated Enterprises
100 W. Monroe, Ste 300
Chicago, IL 60603
ATTN: Raghu Nagam

Project #: NAL12-053F
Project Site: Mansfield, Ohio

Analytical results meet the requirements of NELAC Standards. The results reported apply solely to the sample analyzed and all results are reported on a dry weight basis unless stated otherwise. Any questions concerning this report should be directed to Scott D. Wall, President
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U = Non-detect

Lab ID:	Sample ID:		CAS #	ANALYTES	Results	QC	Units	RL	Sample Date	Leach Date	Analysis Date	Matrix	Dil.	Weigh t(g)	Vol.(ml)	% Solid	Method	Acquisitio n Time	Spike	% Rec	% RPD	Parent
NAL12053F-015	RMB-SS-10	TRG	7440-47-3	**Chromium, Total (Cr)**		U	mg/L	0.020	4/17/2012	4/19/2012	4/19/2012	LE	1	10	200	NA	SW6010B	12:25				
NAL12053F-015	RMB-SS-10	TRG	7440-38-2	**Arsenic (As)**		U	mg/L	0.010	4/17/2012	4/19/2012	4/19/2012	LE	1	10	200	NA	SW6010B	12:25				
NAL12053F-015	RMB-SS-10	TRG	7782-49-2	**Selenium (Se)**		U	mg/L	0.010	4/17/2012	4/19/2012	4/19/2012	LE	1	10	200	NA	SW6010B	12:25				
NAL12053F-015	RMB-SS-10	TRG	7440-22-4	**Silver (Ag)**		U	mg/L	0.005	4/17/2012	4/19/2012	4/19/2012	LE	1	10	200	NA	SW6010B	12:25				
NAL12053F-015	RMB-SS-10	TRG	7440-43-9	**Cadmium (Cd)**		U	mg/L	0.005	4/17/2012	4/19/2012	4/19/2012	LE	1	10	200	NA	SW6010B	12:25				
NAL12053F-015	RMB-SS-10	TRG	7440-39-3	**Barium (Ba)**	1.5		mg/L	0.010	4/17/2012	4/19/2012	4/19/2012	LE	1	10	200	NA	SW6010B	12:25				
NAL12053F-015	RMB-SS-10	TRG	7439-97-6	**Mercury (Hg)**		U	mg/L	0.002	4/17/2012	4/19/2012	4/19/2012	LE	1	10	200	NA	SW7473	12:25				
NAL12053F-015	RMB-SS-10	TRG	7439-92-1	**Lead (Pb)**		U	mg/L	0.010	4/17/2012	4/19/2012	4/19/2012	LE	1	10	200	NA	SW6010B	12:25				

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FINAL ANALYTICAL REPORT

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Chicago, IL 60603
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Project #: NAL12-053F
Project Site: Mansfield, Ohio

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Lab ID:	Sample ID:		CAS #	ANALYTES	Results	QC	Units	RL	Sample Date	Leach Date	Analysis Date	Matrix	Dil.	Weigh t(g)	Vol.(ml)	% Solid	Method	Acquisitio n Time	Spike	% Rec	% RPD	Parent
NAL12053F-016	RMB-SS-11	TRG	7440-47-3	**Chromium, Total (Cr)**		U	mg/L	0.020	4/17/2012	4/19/2012	4/19/2012	LE	1	10	200	NA	SW6010B	12:39				
NAL12053F-016	RMB-SS-11	TRG	7440-38-2	**Arsenic (As)**		U	mg/L	0.010	4/17/2012	4/19/2012	4/19/2012	LE	1	10	200	NA	SW6010B	12:39				
NAL12053F-016	RMB-SS-11	TRG	7782-49-2	**Selenium (Se)**		U	mg/L	0.010	4/17/2012	4/19/2012	4/19/2012	LE	1	10	200	NA	SW6010B	12:39				
NAL12053F-016	RMB-SS-11	TRG	7440-22-4	**Silver (Ag)**		U	mg/L	0.005	4/17/2012	4/19/2012	4/19/2012	LE	1	10	200	NA	SW6010B	12:39				
NAL12053F-016	RMB-SS-11	TRG	7440-43-9	**Cadmium (Cd)**		U	mg/L	0.005	4/17/2012	4/19/2012	4/19/2012	LE	1	10	200	NA	SW6010B	12:39				
NAL12053F-016	RMB-SS-11	TRG	7440-39-3	**Barium (Ba)**	0.48		mg/L	0.010	4/17/2012	4/19/2012	4/19/2012	LE	1	10	200	NA	SW6010B	12:39				
NAL12053F-016	RMB-SS-11	TRG	7439-97-6	**Mercury (Hg)**		U	mg/L	0.002	4/17/2012	4/19/2012	4/19/2012	LE	1	10	200	NA	SW7473	12:39				
NAL12053F-016	RMB-SS-11	TRG	7439-92-1	**Lead (Pb)**	0.027		mg/L	0.010	4/17/2012	4/19/2012	4/19/2012	LE	1	10	200	NA	SW6010B	12:39				

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FINAL ANALYTICAL REPORT

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Chicago, IL 60603
ATTN: Raghu Nagam

Project #: NAL12-053F
Project Site: Mansfield, Ohio

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Lab ID:	Sample ID:	ANALYTES	Results	QC	Units	RL	Sample Date	Extraction Date	Analysis Date	Opr	Matrix	Dil.	Sample	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	%RPD	Native
NAL12053F-001	**RMB-LIQ-03**	TRG **Aroclor 1016**		U	ug/L	1.0	4/17/2012	4/19/2012	4/19/2012	LEB	WG	1	990	2	NA	8082	NALE3614				
NAL12053F-001	**RMB-LIQ-03**	TRG **Aroclor 1221**		U	ug/L	1.0	4/17/2012	4/19/2012	4/19/2012	LEB	WG	1	990	2	NA	8082	NALE3614				
NAL12053F-001	**RMB-LIQ-03**	TRG **Aroclor 1232**		U	ug/L	1.0	4/17/2012	4/19/2012	4/19/2012	LEB	WG	1	990	2	NA	8082	NALE3614				
NAL12053F-001	**RMB-LIQ-03**	TRG **Aroclor 1242**		U	ug/L	1.0	4/17/2012	4/19/2012	4/19/2012	LEB	WG	1	990	2	NA	8082	NALE3614				
NAL12053F-001	**RMB-LIQ-03**	TRG **Aroclor 1248**		U	ug/L	1.0	4/17/2012	4/19/2012	4/19/2012	LEB	WG	1	990	2	NA	8082	NALE3614				
NAL12053F-001	**RMB-LIQ-03**	TRG **Aroclor 1254**		U	ug/L	1.0	4/17/2012	4/19/2012	4/19/2012	LEB	WG	1	990	2	NA	8082	NALE3614				
NAL12053F-001	**RMB-LIQ-03**	TRG **Aroclor 1260**		U	ug/L	1.0	4/17/2012	4/19/2012	4/19/2012	LEB	WG	1	990	2	NA	8082	NALE3614				
NAL12053F-001	**RMB-LIQ-03**	~~SUR TCMX~~	~~0.15~~		ug/L		4/17/2012	4/19/2012	4/19/2012	LEB	WG	1	990	2	NA	8082	NALE3614	~~0.10~~	~~150%~~		
NAL12053F-001	**RMB-LIQ-03**	SUR DCBP	0.080		ug/L		4/17/2012	4/19/2012	4/19/2012	LEB	WG	1	990	2	NA	8082	NALE3614	0.10	80%		

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Oneida Total Integrated Enterprises
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Project #: NAL12-053F
Project Site: Mansfield, Ohio

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Lab ID:	Sample ID:	ANALYTES	Results	QC	Units	RL	Sample Date	Extraction Date	Analysis Date	Opr	Matrix	Dil.	Sample	Vol.(ml)	% Solid	Method	Data file	Spike	% Rec	%RPD	Native
NAL12053F-011	**RMB-LIQ-02**	TRG **Aroclor 1016**		U	ug/L	131.6	4/17/2012	4/19/2012	4/19/2012	LEB	WG	5	950	50	NA	8082	NALE3616				
NAL12053F-011	**RMB-LIQ-02**	TRG **Aroclor 1221**		U	ug/L	131.6	4/17/2012	4/19/2012	4/19/2012	LEB	WG	5	950	50	NA	8082	NALE3616				
NAL12053F-011	**RMB-LIQ-02**	TRG **Aroclor 1232**		U	ug/L	131.6	4/17/2012	4/19/2012	4/19/2012	LEB	WG	5	950	50	NA	8082	NALE3616				
NAL12053F-011	**RMB-LIQ-02**	TRG **Aroclor 1242**		U	ug/L	131.6	4/17/2012	4/19/2012	4/19/2012	LEB	WG	5	950	50	NA	8082	NALE3616				
NAL12053F-011	**RMB-LIQ-02**	TRG **Aroclor 1248**		U	ug/L	131.6	4/17/2012	4/19/2012	4/19/2012	LEB	WG	5	950	50	NA	8082	NALE3616				
NAL12053F-011	**RMB-LIQ-02**	TRG **Aroclor 1254**		U	ug/L	131.6	4/17/2012	4/19/2012	4/19/2012	LEB	WG	5	950	50	NA	8082	NALE3616				
NAL12053F-011	**RMB-LIQ-02**	TRG **Aroclor 1260**		U	ug/L	131.6	4/17/2012	4/19/2012	4/19/2012	LEB	WG	5	950	50	NA	8082	NALE3616				
NAL12053F-011	**RMB-LIQ-02**	SUR TCMX		X	ug/L		4/17/2012	4/19/2012	4/19/2012	LEB	WG	5	950	50	NA	8082	NALE3616	0.10	0%		
NAL12053F-011	**RMB-LIQ-02**	SUR DCBP		X	ug/L		4/17/2012	4/19/2012	4/19/2012	LEB	WG	5	950	50	NA	8082	NALE3616	0.10	0%		

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NAL12053F-012	**RMB-LIQ-04**	TRG **Aroclor 1016**		U	ug/L	1.0	4/17/2012	4/19/2012	4/19/2012	LEB	WG	1	1000	2	NA	8082	NALE3615				
NAL12053F-012	**RMB-LIQ-04**	TRG **Aroclor 1221**		U	ug/L	1.0	4/17/2012	4/19/2012	4/19/2012	LEB	WG	1	1000	2	NA	8082	NALE3615				
NAL12053F-012	**RMB-LIQ-04**	TRG **Aroclor 1232**		U	ug/L	1.0	4/17/2012	4/19/2012	4/19/2012	LEB	WG	1	1000	2	NA	8082	NALE3615				
NAL12053F-012	**RMB-LIQ-04**	TRG **Aroclor 1242**		U	ug/L	1.0	4/17/2012	4/19/2012	4/19/2012	LEB	WG	1	1000	2	NA	8082	NALE3615				
NAL12053F-012	**RMB-LIQ-04**	TRG **Aroclor 1248**		U	ug/L	1.0	4/17/2012	4/19/2012	4/19/2012	LEB	WG	1	1000	2	NA	8082	NALE3615				
NAL12053F-012	**RMB-LIQ-04**	TRG **Aroclor 1254**		U	ug/L	1.0	4/17/2012	4/19/2012	4/19/2012	LEB	WG	1	1000	2	NA	8082	NALE3615				
NAL12053F-012	**RMB-LIQ-04**	TRG **Aroclor 1260**		U	ug/L	1.0	4/17/2012	4/19/2012	4/19/2012	LEB	WG	1	1000	2	NA	8082	NALE3615				
NAL12053F-012	**RMB-LIQ-04**	SUR TCMX	0.17		ug/L		4/17/2012	4/19/2012	4/19/2012	LEB	WG	1	1000	2	NA	8082	NALE3615	0.10	170%		
NAL12053F-012	**RMB-LIQ-04**	SUR DCBP	0.080		ug/L		4/17/2012	4/19/2012	4/19/2012	LEB	WG	1	1000	2	NA	8082	NALE3615	0.10	80%		

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Oneida Total Integrated Enterprises
100 W. Monroe, Ste 300
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ATTN: Raghu Nagam

Project #: NAL12-053F
Project Site: Mansfield, Ohio

Analysis Date: 20-Apr-12
Operator: MCP
Sample ID: **RMB-LIQ-03**
NAL Lab ID: **NAL12053F-001**
Matrix: WATER
Date Sampled: 17-Apr-12
Method: EPA 9040C

ANALYTES	RESULTS	UNITS	REPORTING LIMIT
Physical Property Analysis			
pH	**6.3**	pH units	1 - 14

5-16-12

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Project #: NAL12-053F
Project Site: Mansfield, Ohio

Analysis Date: 20-Apr-12
Operator: MCP
Sample ID: **RMB-LIQ-01**
NAL Lab ID: **NAL12053F-003**
Matrix: WATER
Date Sampled: 17-Apr-12
Method: EPA 9040C

ANALYTES	RESULTS	UNITS	REPORTING LIMIT
Physical Property Analysis			
pH	**5.5**	pH units	1 - 14

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Project #: NAL12-053F
Project Site: Mansfield, Ohio

Analysis Date: 20-Apr-12
Operator: MCP
Sample ID: **RMB-LIQ-02**
NAL Lab ID: **NAL12053F-011**
Matrix: WATER
Date Sampled: 17-Apr-12
Method: EPA 9040C

ANALYTES	RESULTS	UNITS	REPORTING LIMIT
Physical Property Analysis			
pH	**6.4**	pH units	1 - 14

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Project #: NAL12-053F
Project Site: Mansfield, Ohio

Analysis Date: 20-Apr-12
Operator: MCP
Sample ID: **RMB-LIQ-04**
NAL Lab ID: **NAL12053F-012**
Matrix: WATER
Date Sampled: 17-Apr-12
Method: EPA 9040C

ANALYTES	RESULTS	UNITS	REPORTING LIMIT
Physical Property Analysis			
pH	**6.6**	pH units	1 - 14

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Project #: NAL12-053F
Project Site: Mansfield, Ohio

Analysis Date: 20-Apr-12
Operator: LEB
Sample ID: **RMB-LIQ-03**
NAL Lab ID: **NAL12053F-001**
Matrix: WATER
Date Sampled: 17-Apr-12
Method: EPA 1010A

ANALYTES	RESULTS	UNITS	REPORTING LIMIT
Physical Property Analysis			
Flash Point	**NFO**	Degrees C	<200

NFO = No Flash Observed

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Project #: NAL12-053F
Project Site: Mansfield, Ohio

Analysis Date: 20-Apr-12
Operator: LEB
Sample ID: **RMB-LIQ-01**
NAL Lab ID: **NAL12053F-003**
Matrix: WATER
Date Sampled: 17-Apr-12
Method: EPA 1010A

ANALYTES	RESULTS	UNITS	REPORTING LIMIT
Physical Property Analysis			
Flash Point	**NFO**	Degrees C	<200

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Operator: LEB
Sample ID: **RMB-LIQ-02**
NAL Lab ID: **NAL12053F-011**
Matrix: WATER
Date Sampled: 17-Apr-12
Method: EPA 1010A

ANALYTES	RESULTS	UNITS	REPORTING LIMIT
Physical Property Analysis			
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Operator: LEB
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NAL Lab ID: **NAL12053F-012**
Matrix: WATER
Date Sampled: 17-Apr-12
Method: EPA 1010A

ANALYTES	RESULTS	UNITS	REPORTING LIMIT
Physical Property Analysis			
Flash Point	**NFO**	Degrees C	<200

NFO = No Flash Observed

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